

2-[(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)oxy]acetamide;

5 1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl carbamate;

10 2-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)acetamide;

15 2-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)-N,N-dimethylacetamide;

20 1-(4-methoxyphenyl)-6-{4-[1-(methylamino)cyclopropyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

6-{4-[1-(dimethylamino)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

25 1-(4-methoxyphenyl)-7-oxo-6-{4-[1-(1,3-thiazol-2-ylamino)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

30 N-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)urea;

35 N-(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}cyclopropyl)-N'-methylurea;

N- (1- {4- [3-cyano-1- (4-methoxyphenyl) -7-oxo-1,4,5,7-
tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-
yl]phenyl}cyclopropyl)-2-methylpropanamide;

5 6- (4- {1- [(4-hydroxy-1-
piperidinyl)methyl]cyclopropyl}phenyl)-1- (4-
methoxyphenyl) -7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carbonitrile;

10 1- (4-methoxyphenyl) -6- (4- {1- [(2-methyl-5,6-dihydro-1(4H)-
pyrimidinyl)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-
tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

15 1- (4-methoxyphenyl) -6- (4- {1- [(2-methyl-4,5-dihydro-1H-
imidazol-1-yl)methyl]cyclopropyl}phenyl)-7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;

20 6- {4- [1- (4,5-dihydro-1,3-oxazol-2-
ylmethyl)cyclopropyl]phenyl}-1- (4-methoxyphenyl) -7-
oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;

25 6- {4- [1- (4,5-dihydro-1H-imidazol-2-
ylmethyl)cyclopropyl]phenyl}-1- (4-methoxyphenyl) -7-
oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;

30 1- (4-methoxyphenyl) -6- (4- {1- [(1-methyl-4,5-dihydro-1H-
imidazol-2-yl)methyl]cyclopropyl}phenyl)-7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carbonitrile;

35 1- (4-methoxyphenyl) -7-oxo-6- (4- {1- [(1,3-thiazol-2-
ylamino)methyl]cyclopropyl}phenyl)-4,5,6,7-tetrahydro-
1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

1-(4-methoxyphenyl)-6-(4-{1-[(2-methyl-1*H*-imidazol-1-yl)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

5

1-(4-methoxyphenyl)-6-{4-[1-methyl-1-(2-oxo-1-pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

10 1-(4-methoxyphenyl)-6-{4-[1-methyl-1-(2-oxo-1-piperidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

15 6-{4-[1,1-dimethyl-2-(2-oxo-1-piperidinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

20 6-{4-[1,1-dimethyl-2-(2-oxo-1-pyrrolidinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

25 6-{4-[1,1-dimethyl-2-(3-oxo-4-morpholinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 6-{4-[1,1-dimethyl-2-(2-oxo-1-piperazinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 6-{4-[1,1-dimethyl-2-(2-oxotetrahydro-1(2*H*)-pyrimidinyl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

6-{4-[1,1-dimethyl-2-(2-oxodihydro-2H-1,3-oxazin-3(4H)-yl)ethyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

5 1-{4-[3-(aminocarbonyl)-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}-1-methylethyl methylcarbamate;

10 1-{4-[3-(aminocarbonyl)-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-tetrahydro-6H-pyrazolo[3,4-c]pyridin-6-yl]phenyl}-1-methylethyl 3-pyrrolidinylcarbamate;

15 6-{4-[1-ethyl-1-(1-pyrrolidinylmethyl)propyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

20 6-(4-{1-[(dimethylamino)methyl]-1-ethylpropyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

1-[3-(aminomethyl)phenyl]-6-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

25 1-[3-(aminomethyl)phenyl]-6-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

30 1-[3-(aminocarbonyl)phenyl]-6-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

35 1-[3-(aminocarbonyl)phenyl]-6-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide;

1-(3-amino-1,2-benzisoxazol-5-yl)-6-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

5 1-(3-amino-1,2-benzisoxazol-5-yl)-6-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-3-(trifluoromethyl)-1,4,5,6-tetrahydro-7*H*-pyrazolo[3,4-*c*]pyridin-7-one;

10 1-(1-amino-7-isoquinolinyl)-6-{4-[1,1-dimethyl-2-(1-pyrrolidinyl)ethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

15 1-(1-amino-7-isoquinolinyl)-6-{4-[2-(dimethylamino)-1,1-dimethylethyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

20 1-(1-amino-7-isoquinolinyl)-6-(4-{1-[(dimethylamino)methyl]cyclopropyl}phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

25 1-(1-amino-7-isoquinolinyl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 1-(3-amino-1,2-benzisoxazol-5-yl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 1-(3-amino-1,2-benzisoxazol-5-yl)-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-3-(trifluoromethyl)-1,4,5,6-tetrahydro-7*H*-pyrazolo[3,4-*c*]pyridin-7-one;

1-(3-amino-1,2-benzisoxazol-5-yl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

5 1-[3-(aminomethyl)phenyl]-7-oxo-6-(4-[1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl]phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

10 6-[4-(1-{{acetyl(methyl)amino}methyl}cyclopropyl)phenyl]-1-[3-(aminomethyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

15 1-[3-(aminocarbonyl)phenyl]-6-(4-[1-[(dimethylamino)methyl]cyclopropyl]phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

20 3-[3-cyano-6-(4-[1-[(dimethylamino)methyl]cyclopropyl]phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridin-1-yl]benzamide;

25 1-(2,3-dihydro-1*H*-indol-6-yl)-6-(4-[1-[(dimethylamino)methyl]cyclopropyl]phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

30 1-(2,3-dihydro-1*H*-indol-6-yl)-7-oxo-6-{4-[1-(1-pyrrolidinylmethyl)cyclopropyl]phenyl}-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

1-(2,3-dihydro-1*H*-indol-6-yl)-7-oxo-6-(4-[1-[(2-oxo-1-pyrrolidinyl)methyl]cyclopropyl]phenyl)-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

6-(4-{1-[(dimethylamino)methyl]cyclobutyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

5 1-(4-methoxyphenyl)-6-{4-[1-(4-morpholinylmethyl)cyclobutyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

10 1-(4-methoxyphenyl)-6-{4-[1-(4-morpholinylmethyl)cyclopentyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

15 6-(4-{1-[(dimethylamino)methyl]cyclopentyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxamide;

20 1-(4-methoxyphenyl)-6-{4-[1-(2-oxo-pyrrolidin-1-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

25 1-(4-methoxyphenyl)-6-{4-[1-(2-oxo-piperidin-1-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

30 1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

35 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

35 *N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-yl]phenyl}-cyclopropyl)-*N*-methyl-acetamide;

N-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-
1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-
yl]phenyl}-cyclopropyl)-*N*-methyl-methanesulfonamide;

5 *N-*(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-
1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-
yl]phenyl}-cyclopropyl)-*N*-methyl-2-
methylaminoacetamide;

10 2-dimethylamino-*N*-(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-
trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-
yl]phenyl}cyclopropyl)-*N*-methylacetamide;

15 *N-*(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-
1,4,5,7-tetrahydro-pyrazolo[3,4-*c*]pyridin-6-
yl]phenyl}-cyclopropyl)-*N*-methyl-2-morpholin-4-yl-
acetamide;

20 6-{4-[1-(1-hydroxyethyl)cyclopropyl]phenyl}-1-(4-
methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-
pyrazolo[3,4-*c*]pyridin-7-one;

25 6-[4-(1-acetylpropyl)phenyl]-1-(4-methoxyphenyl)-3-
trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

30 6-{4-[1-(1-hydroxy-1-methyl-ethyl)cyclopropyl]phenyl}-1-(4-
methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-
pyrazolo[3,4-*c*]pyridin-7-one;

6-[4-(1-methoxymethylcyclopropyl)phenyl]-1-(4-
methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-
pyrazolo[3,4-*c*]pyridin-7-one;

6-{4-[1-(4,5-dihydro-oxazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5 1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropanecarboxylic acid 2-amino-ethyl ester ;

10 6-{4-[1-(4,5-dihydro-oxazol-2-yl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-{4-[1-(4,5-dihydro-1H-imidazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 1-(4-methoxyphenyl)-6-{4-[1-(1-methyl-4,5-dihydro-1H-imidazol-2-yl)cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

25 6-{4-[1-(1-methanesulfonyl-4,5-dihydro-1H-imidazol-2-yl)-cyclopropyl]phenyl}-1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 6-{4-[1-(1H-imidazol-2-yl)cyclopropyl]phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 1-(4-methoxyphenyl)-6-{4-[1-(1-methyl-1H-imidazol-2-yl)-cyclopropyl]phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

2-[(1-{4-[1-(4-methoxyphenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]phenyl}-cyclopropyl)-methyl-amino]-acetamide;

6-(4-{1-[(2-hydroxyethyl)-methylamino]cyclopropyl}phenyl)-
1-(4-methoxyphenyl)-3-trifluoromethyl-1,4,5,6-
tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5

1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclopropanecarboxylic acid methoxy-methyl-amide;

10 6-[4-(1-hydroxymethylcyclopropyl)phenyl]-1-(4-methoxy-
phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-
c]pyridine-3-carboxylic acid amide;

15 6-[4-(1-acetyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-
oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carboxylic acid amide ;

20 6-[4-(1-aminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-
4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-
carboxylic acid amide;

25 1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)-
phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-
c]pyridine-3-carboxylic acid amid;

30 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35 6-[4-(1-methylaminomethylcyclopentyl)phenyl]-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylaminomethylcyclopentyl)phenyl]-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-
pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylaminomethylcyclopentyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

5

6-[4-(1-[(2-hydroxyethyl)methylaminomethyl]-cyclopentyl)phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

10

6-[4-(1-hydroxymethyl-cyclopentyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

15

6-(4-{1-[(2-hydroxyethyl)methylamino]cyclopropyl}phenyl)-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

20

1-(4-methoxyphenyl)-6-{4-[1-(methyl-prop-2-ynylamino)-cyclopropyl]phenyl}-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

25

3-(1-hydroxyethyl)-1-(4-methoxyphenyl)-6-[4-(1-methylamino-cyclopropyl)phenyl]-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

30

3-acetyl-1-(4-methoxyphenyl)-6-[4-(1-methylamino-cyclopropyl)phenyl]-1,4,5,6-tetrahydro-pyrazolo[3,4-*c*]pyridin-7-one;

1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-carboxylic acid methylamide;

1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-
7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-
carboxylic acid dimethylamide;

5 6-[4-(1-aminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-
4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-
carbonitrile;

10 1-(4-methoxyphenyl)-6-[4-(1-methylaminocyclopropyl)phenyl]-
7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-*c*]pyridine-3-
carbonitrile;

15 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-
methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

20 2-[{(1-{4-[3-cyano-1-(4-methoxyphenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-*c*]pyridin-6-
yl]phenyl}cyclopropyl)methylamino]acetamide;

25 6-(4-{1-[(2-hydroxyethyl)methylamino]cyclopropyl}phenyl)-1-
(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

30 1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-
cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid ethyl ester;

35 1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-
cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carboxylic acid amide;

1-(4-methoxyphenyl)-7-oxo-6-[4-(1-pyrrolidin-1-yl-
cyclopropyl)phenyl]-4,5,6,7-tetrahydro-1*H*-
pyrazolo[3,4-*c*]pyridine-3-carbonitrile;

1-(4-methoxyphenyl)-6-[4-(1-morpholin-4-yl-cyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5 1-(4-methoxyphenyl)-6-[4-(1-morpholin-4-yl-cyclopropyl)phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

10 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid methylamide;

15 6-[4-(1-dimethylaminocyclopropyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid dimethylamide;

20 6-{4-[1-(1,1-dioxo-1 λ ⁶-thiomorpholin-4-yl)cyclopropyl]phenyl}-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-[4-(1-aminocyclopropylmethyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 6-[4-(1-dimethylaminocyclopropylmethyl)phenyl]-1-(4-methoxyphenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

1-(3-chloro-phenyl)-6-{4-[1,1-dimethyl-2-(2-oxo-pyrrolidin-1-yl)-ethyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-[1,1-dimethyl-2-(2-oxo-pyrrolidin-1-yl)-ethyl]-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

5 1-(4-methoxy-phenyl)-6-[4-(1-methyl-1-pyrrolidin-1-ylethyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10 6-[4-(1-dimethylamino-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-[4-[1-(4,4-dimethyl-4,5-dihydro-oxazol-2-yl)-cyclopropyl]-phenyl]-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 6-[4-(1-methanesulfonyl-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-[4-(1-hydroxy-1-methyl-ethyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

1-(4-methoxy-phenyl)-6-(4-[1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl]-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 2-(1-[4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl]-cyclopropyl)-acetamide;

35 2-(1-[4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl]-cyclopropyl)-N-methyl-acetamide;

2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

5

1-(4-methoxy-phenyl)-6-{4-[1-(2-oxo-2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

25

1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-acetyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5

1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

10 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

20 6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-[4-(1-(2-hydroxy-ethyl)-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

1-(4-methoxy-phenyl)-6-[4-(1-(2-morpholin-4-yl-ethyl)-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5

6-{4-[1-(2-diethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10 1-(4-methoxy-phenyl)-7-oxo-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

20 6-(4-{1-[2-(3-hydroxy-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35

1-(4-methoxy-phenyl)-6-(4-{1-[2-(methyl-thiazol-2-yl-amino)-ethyl]-cyclopropyl}-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

5

6-[4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10

1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-methyl-imidazol-1-yl)-ethyl]-cyclopropyl}-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15

6-(4-{1-[2-(2,6-dimethyl-piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

20

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

25

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;

30

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

35

6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5 3-methanesulfonyl-6-{4-[1-(2-methoxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 6-{4-[1-(2-diethylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

25 6-{4-[1-(2-isopropylamino-ethyl)-cyclopropyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

40 6-(4-{1-[2-(2,5-dimethyl-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

6-(4-{1-[2-(3-hydroxy-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5

3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-piperidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 6-[4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-cyclopropyl)-phenyl]-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 2-[[2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethyl]-methyl-amino]-acetamide;

25 2-[2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethylamino]-acetamide;

30 6-(4-{1-[2-(2-hydroxy-ethylamino)-ethyl]-cyclopropyl}-phenyl)-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-methyl-imidazol-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(thiazol-2-ylamino)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5 3-methanesulfonyl-1-(4-methoxy-phenyl)-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;

15 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;

20 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

25 6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

30 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

35 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

1-(4-methoxy-phenyl)-7-oxo-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

1- (4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

5 6-(4-{1-[2-(1,1-dioxo-1*H*-thiomorpholin-4-yl)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-c]pyridine-3-carbonitrile;

10 6-(4-{1-[2-(2-hydroxy-ethylamino)-ethyl]-cyclopropyl}-phenyl)-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-c]pyridine-3-carbonitrile;

15 2-[2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethylamino]-acetamide;

20 2-{[2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethyl]-methyl-amino}-acetamide;

25 6-[4-(1-{2-[(2-hydroxy-ethyl)-methyl-amino]-ethyl}-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1*H*-pyrazolo[3,4-c]pyridine-3-carbonitrile;

30 N-[2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethyl]-N-methyl-methanesulfonamide;

N-[2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-ethyl]-N-methyl-acetamide;

1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-pyrrolidin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

5 1-(4-methoxy-phenyl)-7-oxo-6-(4-{1-[2-(2-oxo-2H-pyridin-1-yl)-ethyl]-cyclopropyl}-phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

10 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-methyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 5-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;

5-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;

25 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

30 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-3-methyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

5 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10 6-{4-[1-(2-dimethylamino-ethyl)-cyclobutyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-3-methanesulfonyl-1-(4-methoxy-phenyl)-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

25 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

35 6-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-1-(4-methoxy-phenyl)-3-methyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5-{4-[1-(2-dimethylamino-ethyl)-cyclopentyl]-phenyl}-3-(4-methoxy-phenyl)-3,5,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-4-one;

2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclopentyl)-N-methyl-acetamide;

5 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclopentyl)-N,N-dimethyl-acetamide;

10 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclopentyl)-acetamide;

15 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-acetamide;

20 6-[4-(1-carbamoylmethyl-cyclopentyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

25 6-[4-(1-dimethylcarbamoylmethyl-cyclopentyl)-phenyl]-1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopentyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

30 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N,N-dimethyl-acetamide;

35 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopentyl)-N-methyl-acetamide;

2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclopentyl)-N-methyl-acetamide;

5 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclopentyl)-N,N-dimethyl-acetamide;

10 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclopentyl)-acetamide;

15 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclobutyl)-acetamide;

20 2-(1-{4-[3-methanesulfonyl-1-(4-methoxy-phenyl)-7-oxo-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclobutyl)-N-methyl-acetamide;

25 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclobutyl)-N,N-dimethyl-acetamide;

30 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclobutyl)-N-methyl-acetamide;

35 2-(1-{4-[3-cyano-1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclobutyl)-acetamide;

2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclobutyl)-acetamide;

5 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-
1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-
phenyl}-cyclobutyl)-N-methyl-acetamide;

10 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclobutyl)-N-methyl-acetamide;

15 2-(1-{4-[1-(4-methoxy-phenyl)-3-methyl-7-oxo-1,4,5,7-
tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-
cyclobutyl)-acetamide;

20 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-
pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-
acetamide;

25 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-
pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N-
methyl-acetamide;

30 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-1,4,5,7-tetrahydro-
pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclobutyl)-N,N-
dimethyl-acetamide;

35 2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclobutyl)-N,N-dimethyl-acetamide;

2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-
[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-
cyclobutyl)-N-methyl-acetamide;

2-(1-{4-[3-(4-methoxy-phenyl)-4-oxo-3,4,6,7-tetrahydro-[1,2,3]triazolo[4,5-c]pyridin-5-yl]-phenyl}-cyclobutyl)-acetamide;

5 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

10 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

15 5-chloro-thiophene-2-carboxylic acid {2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

20 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

25 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

30 5-chloro-thiophene-2-carboxylic acid [2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

35 5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5-chloro-thiophene-2-carboxylic acid [2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5-chloro-thiophene-2-carboxylic acid [2-(2-[3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl]-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

10 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

15 5-chloro-thiophene-2-carboxylic acid (2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

20 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

25 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

30 5-chloro-thiophene-2-carboxylic acid (2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

35 5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5-chloro-thiophene-2-carboxylic acid {2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

10 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

15 5-chloro-thiophene-2-carboxylic acid (2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

20 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

25 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

30 5-chloro-thiophene-2-carboxylic acid (2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

35 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[4-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

5 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

10 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

15 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

20 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

25 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

30 5-chloro-thiophene-2-carboxylic acid [6-chloro-2-(2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-ethyl)-3-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl})-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl})-1-oxo-2,3-dihydro-1H-isoindol-4-yl]-amide;

5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[4-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{2-[3-(1-dimethylaminomethyl-cyclopropyl)-phenyl]-ethyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

20 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

25 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

30 5-chloro-thiophene-2-carboxylic acid {6-chloro-2-[3-(1-dimethylaminomethyl-cyclopropyl)-benzyl]-3-oxo-2,3-dihydro-1H-isoindol-4-yl}-amide;

35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

35 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

5 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

10 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-1-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

15 5-chloro-thiophene-2-carboxylic acid (6-chloro-2-{3-[1-(2-dimethylamino-ethyl)-cyclopropyl]-benzyl}-3-oxo-2,3-dihydro-1H-isoindol-4-yl)-amide;

(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetic acid;

20 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-acetamide;

25 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N-methyl-acetamide;

30 2-(1-{4-[1-(4-methoxy-phenyl)-7-oxo-3-trifluoromethyl-1,4,5,7-tetrahydro-pyrazolo[3,4-c]pyridin-6-yl]-phenyl}-cyclopropyl)-N,N-dimethyl-acetamide;

35 1-(4-methoxy-phenyl)-6-{4-[1-(2-oxo-2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

5 1-(4-methoxy-phenyl)-6-{4-[1-(2-methylamino-ethyl)cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

10 6-{4-[1-(2-dimethylamino-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

15 1-(4-methoxy-phenyl)-6-{4-[1-(2-pyrrolidin-1-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one;

20 1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-3-trifluoromethyl-1,4,5,6-tetrahydro-pyrazolo[3,4-c]pyridin-7-one

25 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

30 6-[4-(1-carbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

35 1-(4-methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

1-(4-Methoxy-phenyl)-6-[4-(1-methylcarbamoylmethyl-cyclopropyl)-phenyl]-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester;

5

6-[4-(1-dimethylcarbamoylmethyl-cyclopropyl)-phenyl]-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

10

6-{4-[1-(2-hydroxy-ethyl)-cyclopropyl]-phenyl}-1-(4-methoxy-phenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide;

15

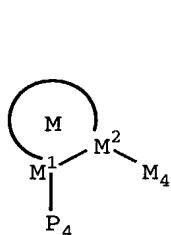
1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid amide; and,

20

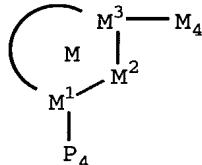
1-(4-methoxy-phenyl)-6-{4-[1-(2-morpholin-4-yl-ethyl)-cyclopropyl]-phenyl}-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carbonitrile;

or a pharmaceutically acceptable salt form thereof.

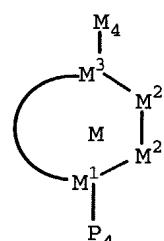
25 [9] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is of Formula IIIa, IIIb, or IIIc:



IIIa



IIIb



IIIc

30 or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

ring M, including M₁, M₂, and, if present, M₃, is phenyl or a 3-10 membered carbocyclic or 4-10 membered

heterocyclic ring consisting of: carbon atoms and 1-4 heteroatoms selected from O, S(O)_p, N, and NZ²;

ring M is substituted with 0-3 R^{1a} and 0-2 carbonyl groups,
5 and there are 0-3 ring double bonds;

one of P₄ and M₄ is -Z-A-B and the other -G₁-G;

G is a group of formula IIa or IIb:

10



15

ring D, including the two atoms of Ring E to which it is attached, is a 5-6 membered ring consisting of carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p;

20

ring D is substituted with 0-2 R and there are 0-3 ring double bonds;

E is selected from phenyl, pyridyl, pyrimidyl, pyrazinyl, and pyridazinyl, and is substituted with 1-3 R;

25

alternatively, ring D is absent, and ring E is selected from phenyl, pyridyl, pyrimidyl, and thienyl, and ring E is substituted with 1-3 R;

30

alternatively, ring D is absent, ring E is selected from phenyl, pyridyl, and thienyl, and ring E is substituted with 1 R and substituted with a 5-6 membered heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, wherein the 5-6 membered heterocycle

is substituted with 0-2 carbonyls and 1-3 R and there
are 0-3 ring double bonds;

R is selected from H, C₁₋₄ alkyl, F, Cl, OH, OCH₃, OCH₂CH₃,

5 OCH(CH₃)₂, CN, C(=NH)NH₂, C(=NH)NHOH, C(=NH)NHOCH₃,
NH₂, NH(C₁₋₃ alkyl), N(C₁₋₃ alkyl)₂, C(=NH)NH₂, CH₂NH₂,
CH₂NH(C₁₋₃ alkyl), CH₂N(C₁₋₃ alkyl)₂, (CR⁸R⁹)_tNR⁷R⁸,
C(O)NR⁷R⁸, CH₂C(O)NR⁷R⁸, S(O)_pNR⁷R⁸, CH₂S(O)_pNR⁷R⁸,
SO₂R³, and OCF₃;

10

alternatively, when 2 R groups are attached to adjacent
atoms, they combine to form methylenedioxy or
ethylenedioxy;

15 A is selected from:

C₅₋₁₀ carbocycle substituted with 0-2 R⁴, and

5-10 membered heterocycle substituted with 0-2 R⁴ and
consisting of: carbon atoms and 1-4 heteroatoms selected
from the group consisting of N, O, and S(O)_p;

20

X is selected from -(CR²R^{2a})₁₋₄-, -C(O)-, -C(O)CR²R^{2a}-,
-CR²R^{2a}C(O), -S(O)₂-, -S(O)₂CR²R^{2a}-, -CR²R^{2a}S(O)₂-,
-NR²S(O)₂-, -S(O)₂NR²-, -NR²C(O)-, -C(O)NR²-, NR²,
-NR²CR²R^{2a}-, -CR²R^{2a}NR²-, O, -OCR²R^{2a}-, and -CR²R^{2a}O-;

25

Y is a C₃₋₇ monocyclic carbocycle or 3-7 membered monocyclic
heterocycle, wherein the carbocycle or heterocycle
consists of: carbon atoms and 0-2 heteroatoms
selected from N, O, and S(O)p, the carbocycle or
30 heterocycle further comprises 0-2 double bonds and 0-2
carbonyl groups, and the carbocycle or heterocycle is
substituted with 0-2 R⁴;

alternatively, Y is CY¹Y², and Y¹ and Y² are independently C₁₋₃ alkyl substituted with 0-1 R⁴;

5 Z is selected from a bond, CH₂, CH₂CH₂, CH₂O, OCH₂, C(O), NH, CH₂NH, NHCH₂, CH₂C(O), C(O)CH₂, C(O)NH, NHC(O), NHC(O)NH, NHC(O)CH₂C(O)NH, NHC(O)C(O)NH, C(O)NHS(O)₂, S(O)₂, CH₂S(O)₂, S(O)₂(CH₂), SO₂NH, and NHSO₂, provided that Z does not form a N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to which it is attached;

10

Z² is selected from H, C₁₋₄ alkyl, phenyl, benzyl, C(O)R^{3b}, S(O)R^{3f}, and S(O)₂R^{3f};

15

R^{1a}, at each occurrence, is selected from H, -(CH₂)_r-R^{1b}, -(CH(CH₃))_r-R^{1b}, -(C(CH₃)₂)_r-R^{1b}, -O-(CR³R^{3a})_r-R^{1b}, -NR²-(CR³R^{3a})_r-R^{1b}, and -S-(CR³R^{3a})_r-R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, O-O, or N-CN bond;

20
25

alternatively, when two R^{1a} groups are attached to adjacent atoms or to the same carbon atom, together with the atoms to which they are attached they form a 5-7 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)_p, this ring being substituted with 0-2 R^{4b} and 0-3 ring double bonds;

30

R^{1b} is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, F, Cl, Br, I, -CN, -CHO, CF₃, OR², NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, OC(O)R², CO₂R^{2a}, S(O)_pR², NR²(CH₂)_rOR², NR²C(O)R^{2b}, NR²C(O)NHR², NR²C(O)₂R^{2a}, OC(O)NR²R^{2a}, C(O)NR²R^{2a}, C(O)NR²(CH₂)_rOR², SO₂NR²R^{2a}, NR²SO₂R², C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle consisting of carbon atoms and from 1-4 heteroatoms

selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

5 R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₅₋₆ carbocycle substituted with 0-2 R^{4b}, a C₅₋₆ carbocycle-CH₂- substituted with 0-2 R^{4b}, and 5-6 membered heterocycle 10 substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group 20 consisting of N, O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated 25 ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy, 30 C₁₋₆ alkyl substituted with 0-3 R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 4-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2c}, at each occurrence, is selected from CF₃, OH, C₁₋₄ alkoxy, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, benzyl, C₅₋₆

5 carbocycle substituted with 0-2 R^{4b}, and 5-6 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

10 R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, -(CR³R^{3a})_r-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, and -(CR³R^{3a})_r-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the 15 group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

20 alternatively, when two R^{2d}'s are attached to the same nitrogen atom, then R^{2d} and R^{2d}, together with the nitrogen atom to which they are attached, combine to form a 5 or 6 membered saturated, partially saturated or unsaturated ring substituted with 0-2 R^{4b} and 25 consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

30 R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, -(CR³R^{3a})_r-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, and -(CR³R^{3a})_r-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R³, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, and phenyl;

5 R^{3a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, and phenyl;

10 alternatively, R³ and R^{3a}, together with the nitrogen atom to which they are attached, combine to form a 5 or 6 membered saturated, partially unsaturated, or unsaturated ring consisting of: carbon atoms and the nitrogen atom to which R³ and R^{3a} are attached;

15 R^{3c}, at each occurrence, is selected from CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, and phenyl;

20 R^{3d}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂-phenyl, CH₂CH₂-phenyl, and C(=O)R^{3c};

25 R^{3g}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, cyclopropyl, cyclopropyl-methyl, benzyl, and phenyl;

30 alternatively, when R³ and R^{3g} are attached to the same carbon atom, they combine with the attached carbon atom to form a cyclopropyl group;

R⁴, at each occurrence, is selected from H, =O, OR², CH₂OR², (CH₂)₂OR², F, Cl, Br, I, C₁₋₄ alkyl, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, S(O)_pR^{5a}, CF₃, CF₂CF₃, 5-6 membered carbocycle substituted with 0-1 R⁵, and a 5-6 membered heterocycle substituted with 0-1 R⁵ and consisting of:

carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{4b}, at each occurrence, is selected from H, =O, OR³,
 5 CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂,
 CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN,
 NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c},
 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a},
 CH₂C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH₂NR³C(O)NR³R^{3a},
 10 C(=NR³)NR³R^{3a}, CH₂C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a},
 CH₂NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a},
 NR³SO₂NR³R^{3a}, CH₂NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl,
 CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, CH₂NR³SO₂CF₃,
 NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃,
 15 S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl,
 CH₂S(O)_p-phenyl, CF₃, and CH₂-CF₃;

R^{4c}, at each occurrence, is selected from =O, (CR³R^{3a})_rOR²,
 (CR³R^{3a})_rF, (CR³R^{3a})_rBr, (CR³R^{3a})_rCl, (CR³R^{3a})_rCF₃, C₁₋₄
 20 alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, (CR³R^{3a})_rCN,
 (CR³R^{3a})_rNO₂, (CR³R^{3a})_rNR²R^{2a}, (CR³R^{3a})_rN(→O)R²R^{2a},
 (CR³R^{3a})_rC(O)R^{2c}, (CR³R^{3a})_rNR²C(O)R^{2b},
 (CR³R^{3a})_rC(O)NR²R^{2a}, (CR³R^{3a})_rNR²C(O)NR²R^{2a},
 (CR³R^{3a})_rSO₂NR²R^{2a}, (CR³R^{3a})_rNR²SO₂NR²R^{2a},
 25 (CR³R^{3a})_rNR²SO₂R^{5a}, (CR³R^{3a})_rS(O)_pR^{5a}, (CF₂)_rCF₃,
 (CR³R^{3a})_rC₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, and
 (CR³R^{3a})_r5-10 membered heterocycle substituted with 0-2
 R^{4b} and consisting of carbon atoms and from 1-4
 heteroatoms selected from the group consisting of N,
 30 O, and S(O)_p;

R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c},
5 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, NR³C(O)NR³R^{3a}, CH(=NOR^{3d}), C(=NR³)NR³R^{3a}, NR³C(=NR³)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, NR³SO₂-phenyl, S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶;

10
15 R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, NR²C(O)NR²R^{2a}, C(=NH)NH₂, NHC(=NH)NH₂, SO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, and NR²SO₂C₁₋₄ alkyl; and,

20 r, at each occurrence, is selected from 0, 1, 2, and 3.

[10] In another preferred embodiment, the present invention provides a novel compound, wherein:

25 ring M, including M₁, M₂, and, if present, M₃, is selected from phenyl, pyrrole, furan, thiophene, pyrazole, imidazole, isoxazole, oxazole, isothiazole, thiazole, 1,2,3-triazole, 1,2,4-triazole, 1,3,4-triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,3,4-thiadiazole, 1,2,3,4-tetrazole, 1,2,3,5-tetrazole, pyran, thiopyran, thiopyran-1,1-dioxide, pyridine, pyrimidine, pyridazine, pyrazine, 1,2,3-triazine, 1,2,4-triazine, 1,2,3,4-tetrazine, dihydro-pyrrole,

dihydro-furan, dihydro-thiophene, dihydro-pyrazole,
dihydro-imidazole, dihydro-isoxazole, dihydro-oxazole,
dihydro-isothiazole, dihydro-thiazole, dihydro-1,2,3-
triazole, dihydro-1,2,4-triazole, dihydro-1,3,4-
5 triazole, dihydro-1,2,3-oxadiazole, dihydro-1,2,4-
oxadiazole, dihydro-1,3,4-oxadiazole, dihydro-1,2,3-
thiadiazole, dihydro-1,2,4-thiadiazole, dihydro-1,3,4-
thiadiazole, dihydro-1,2,3,4-tetrazole, dihydro-
1,2,3,5-tetrazole, dihydro-pyran, dihydro-thiopyran,
10 dihydro-thiopyran-1,1-dioxide, dihydro-pyridine,
dihydro-pyrimidine, dihydro-pyridazine, dihydro-
pyrazine, dihydro-1,2,3-triazine, dihydro-1,2,4-
triazine, dihydro-1,2,3,4-tetrazine, cyclopropane,
cyclobutane, cyclopentene, cyclopentane, cyclohexene,
15 cyclohexane, cycloheptane, tetrahydro-pyrrole,
tetrahydro-furan, tetrahydro-thiophene, tetrahydro-
thiophene-1,1-dioxide, tetrahydro-pyrazole,
tetrahydro-imidazole, tetrahydro-isoxazole,
tetrahydro-oxazole, tetrahydro-isothiazole,
20 tetrahydro-thiazole, tetrahydro-1,2,3-triazole,
tetrahydro-1,2,4-triazole, tetrahydro-1,3,4-triazole,
tetrahydro-1,2,3-oxadiazole, tetrahydro-1,2,4-
oxadiazole, tetrahydro-1,3,4-oxadiazole, tetrahydro-
1,2,3-thiadiazole, tetrahydro-1,2,4-thiadiazole,
25 tetrahydro-1,3,4-thiadiazole, tetrahydro-1,2,3,4-
tetrazole, tetrahydro-1,2,3,5-tetrazole, tetrahydro-
pyran, tetrahydro-thiopyran, tetrahydro-thiopyran-1,1-
dioxide, tetrahydro-pyridine, tetrahydro-pyrimidine,
tetrahydro-pyridazine, tetrahydro-pyrazine,
30 tetrahydro-1,2,3-triazine, tetrahydro-1,2,4-triazine,
tetrahydro-1,2,3,4-tetrazine, piperidine, indan,
isothiazolidine 1,1-dioxide, [1,2]thiazinane 1,1-
dioxide, 1,2,3,4-tetrahydro-naphthalene, 7,8-dimethyl-
1-oxa-spiro[4.4]nonane, 6,7-dihydro-5H-[1]pyrindine,
35 6,7-dihydro-5H-[2]pyrindine, 5,6,7,8-tetrahydro-
quinoline, 5,6,7,8-tetrahydro-isoquinoline, 5,6,7,8-

tetrahydro-quinoxaline, 6,7-dihydro-5H-
cyclopentapyrazine, 4,5,6,7-tetrahydro-1H-
benzoimidazole, 4,5,6,7-tetrahydro-benzothiazole,
4,5,6,7-tetrahydro-benzooxazole, 4,5,6,7-tetrahydro-
5 benzo[c]isothiazole, 4,5,6,7-tetrahydro-
benzo[c]isoxazole, 4,5,6,7-tetrahydro-2H-indazole,
4,5,6,7-tetrahydro-2H-isoindole, 4,5,6,7-tetrahydro-
1H-indole, 5,6,7,8-tetrahydro-tetrazolo[1,5-
a]pyridine, 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine,
10 4,5,6,7-tetrahydro-pyrazolo[1,5-a]pyridine, 5,6,7,8-
tetrahydro-[1,2,4]triazolo[1,5-a]pyridine, 6,7-
dihydro-5H-pyrrolo[1,2-c]imidazole, 6,7-dihydro-5H-
pyrrolo[1,2-a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-
b][1,2,4]triazole, 6,7-dihydro-5H-pyrrolotetrazole,
15 5,6-dihydro-4H-pyrrolo[1,2-b]pyrazole, 5,6-dihydro-4H-
cyclopenta[d]isoxazole, 5,6-dihydro-4H-
cyclopentaoxazole, 5,6-dihydro-4H-
cyclopenta[c]isoxazole, 5,6-dihydro-4H-
cyclopenta[d]isothiazole, 5,6-dihydro-4H-
20 cyclopentathiazole, 5,6-dihydro-4H-
cyclopenta[c]isothiazole, 1,4,5,6-tetrahydro-
cyclopentapyrazole, 1,4,5,6-tetrahydro-
cyclopentaimidazole, 2,4,5,6-tetrahydro-
cyclopentapyrazole, 5,6-dihydro-4H-
25 cyclopenta[1,2,5]thiadiazole, 5,6-dihydro-4H-
cyclopenta[1,2,5]oxadiazole, 5,6-dihydro-4H-
cyclopenta[c]furan, 2,4,5,6-tetrahydro-
cyclopenta[c]pyrrole, 5,6-dihydro-4H-
cyclopenta[b]furan, 5,6-dihydro-4H-
30 cyclopenta[c]thiophene, 5,6-dihydro-4H-
cyclopenta[b]furan, 5,6-dihydro-4H-
cyclopenta[b]thiophene, 1,4,5,6-tetrahydro-
cyclopenta[b]pyrrole, 2,3-dihydro-1H-indolin-5-one,
6,7,8,9-tetrahydro-quinolinizin-4-one, 1-oxa-
35 spiro[4.4]nonane, 1-aza-spiro[4.4]nonane, 2-oxa-
spiro[4.4]nonane, 2-aza-spiro[4.4]nonane, 1-aza-

spiro[4.5]decane, 1-oxa-spiro[4.5]decane, 2-oxa-
spiro[4.5]decane, 2-aza-spiro[4.5]decane, 1-thia-
spiro[4.4]nonane, 1-thia-spiro[4.5]decane, 2-thia-
spiro[4.4]nonane, 2-thia-spiro[4.5]decane, 7-oxa-
5 bicyclo[2.2.1]heptane, 2-oxa-bicyclo[2.2.1]heptane, 7-
thia-bicyclo[2.2.1]heptane, 2-thia-
bicyclo[2.2.1]heptane, 2-aza-bicyclo[2.2.1]heptane, 7-
aza-bicyclo[2.2.1]heptane, 4,5,6,7-tetrahydro-
benzo[d]isoxazole, 4,5,6,7-tetrahydro-benzooxazole,
10 4,5,6,7-tetrahydro-benzo[d]isothiazole, 4,5,6,7-
tetrahydro-benzothiazole, 4,5,6,7-tetrahydro-1H-
indazole, 4,5,6,7-tetrahydro-benzo[c]thiophene,
4,5,6,7-tetrahydro-benzo[b]thiophene, 4,5,6,7-
tetrahydro-isobenzofuran, 4,5,6,7-tetrahydro-
15 benzofuran, 5,6,7,8-tetrahydro-quinoxaline, 6,7-
dihydro-5H-cyclopentapyrazine, 5,6,7,8-tetrahydro-
imidazo[1,5-a]pyridine, 5,6,7,8-tetrahydro-
imidazo[1,2-a]pyridine, 5,6,7,8-tetrahydro-
[1,2,4]triazolo[1,5-a]pyridine, 5,6,7,8-tetrahydro-
20 tetrazolo[1,5-a]pyridine, 4,5,6,7-tetrahydro-
pyrazolo[1,5-a]pyridine, 6,7-dihydro-5H-pyrrolo[1,2-
a]imidazole, 6,7-dihydro-5H-pyrrolo[1,2-
b][1,2,4]triazole, 5,6-dihydro-4H-pyrrolo[1,2-
b]pyrazole, and 6,7-dihydro-5H-pyrrolotetrazole;
25

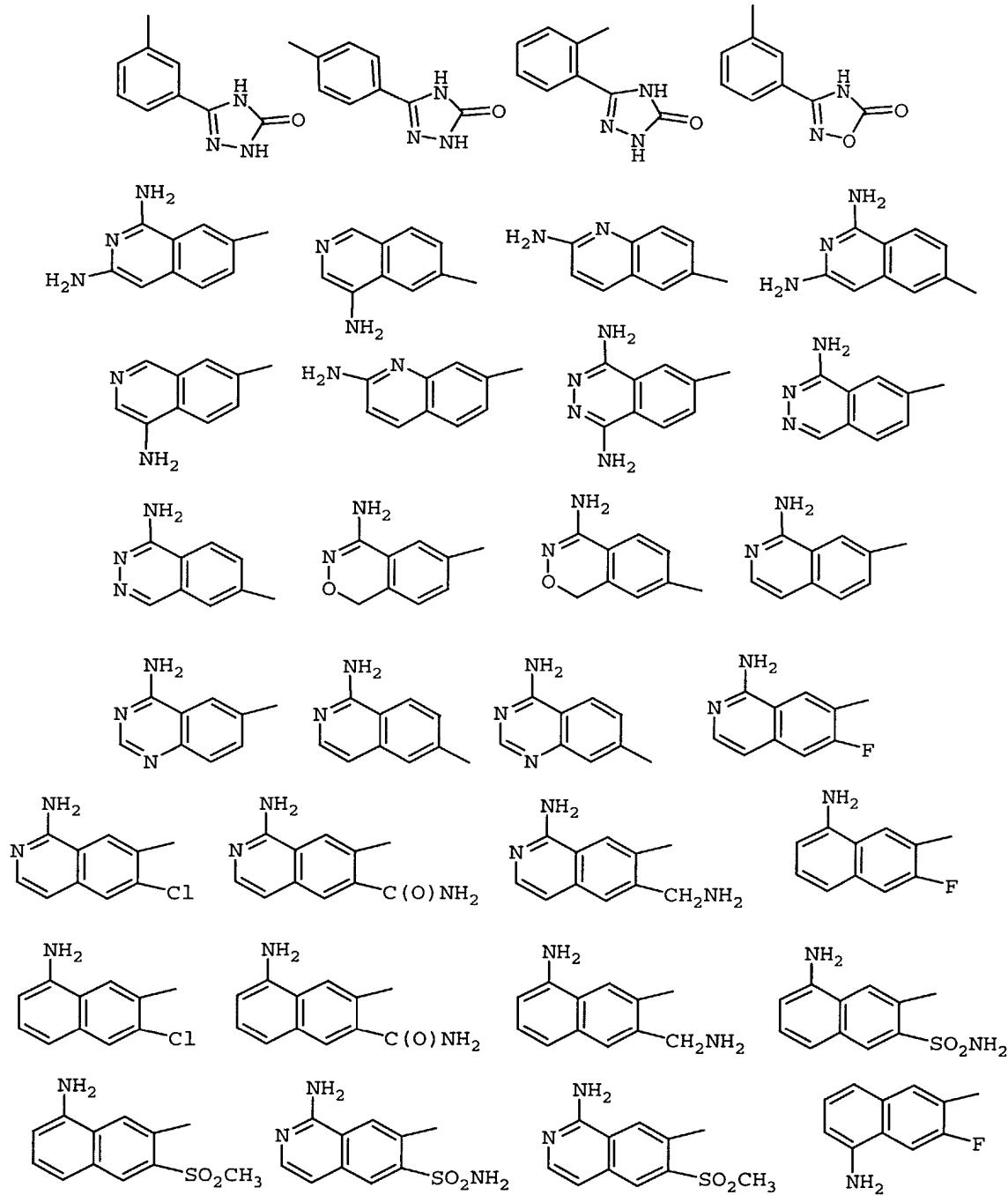
ring M is substituted with 0-3 R^{1a} and 0-1 carbonyl group;

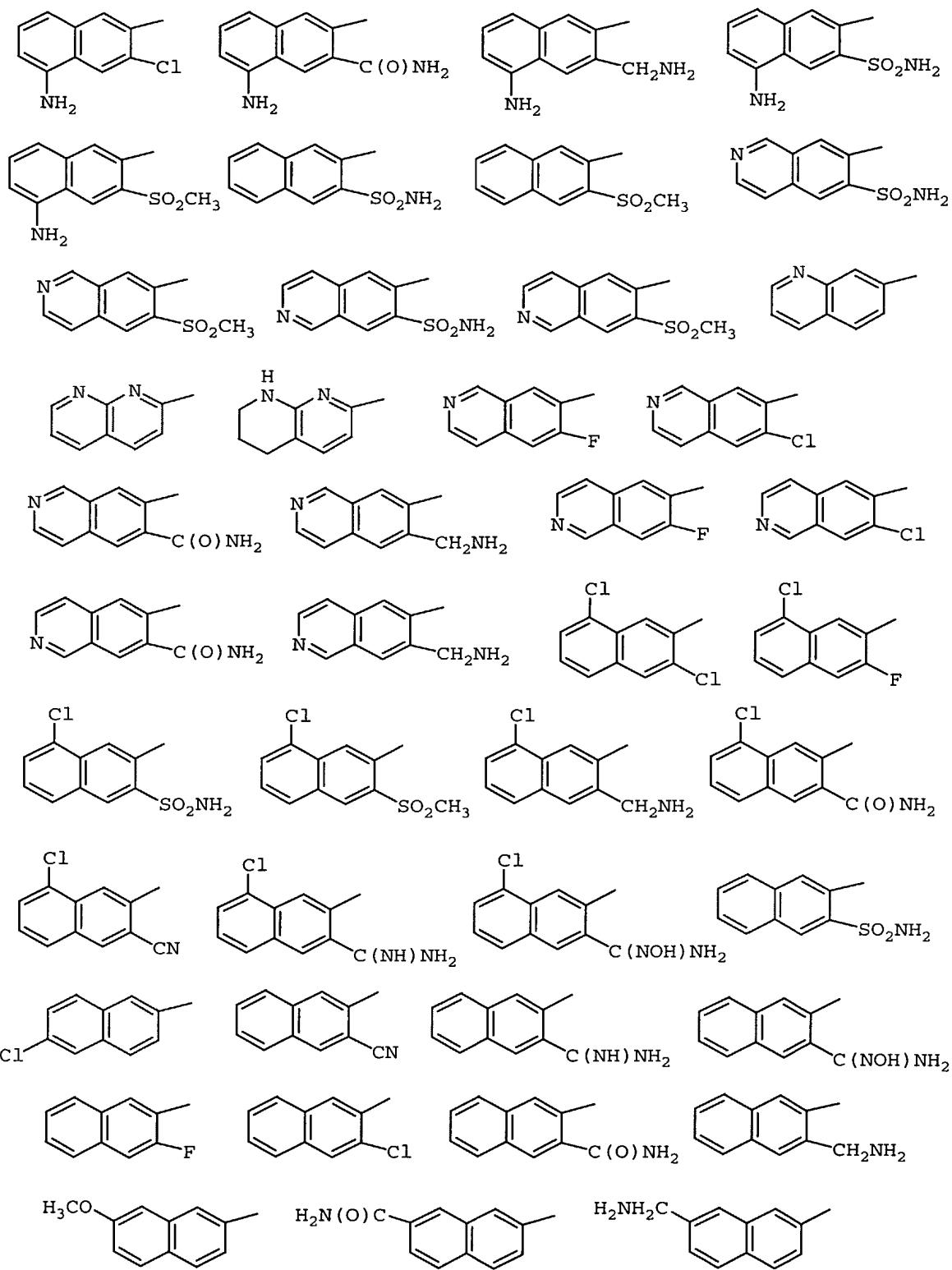
G is selected from the group:

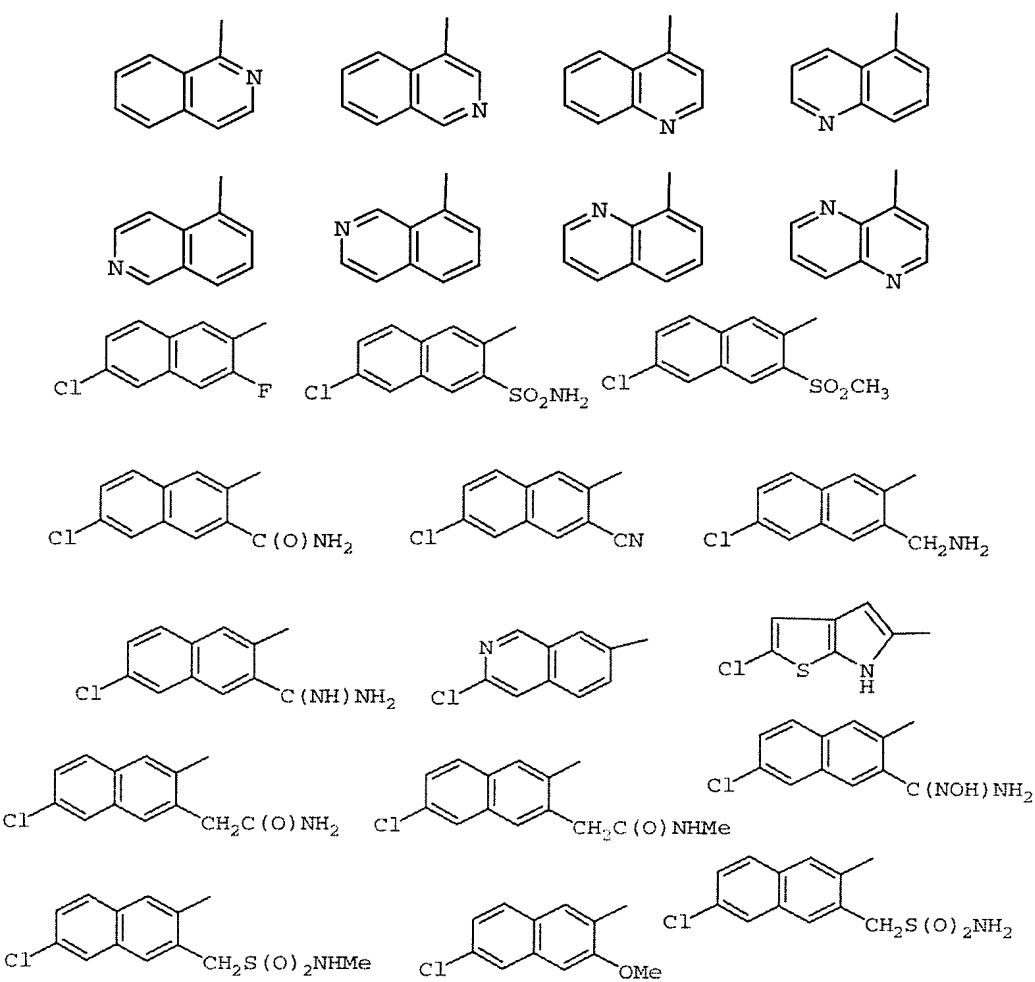
phenyl; 4-ethyl-phenyl; 2,5-bis-aminomethyl-phenyl;
30 2-amido-4-methoxy-phenyl; 2-amido-5-chloro-phenyl;
2-amido-phenyl; 2-aminomethyl-3-fluoro-phenyl;
2-aminomethyl-3-methoxy-phenyl;
2-aminomethyl-4-fluoro-phenyl;
2-aminomethyl-4-methoxy-phenyl;
35 2-aminomethyl-5-fluoro-phenyl;
2-aminomethyl-5-methoxy-phenyl;

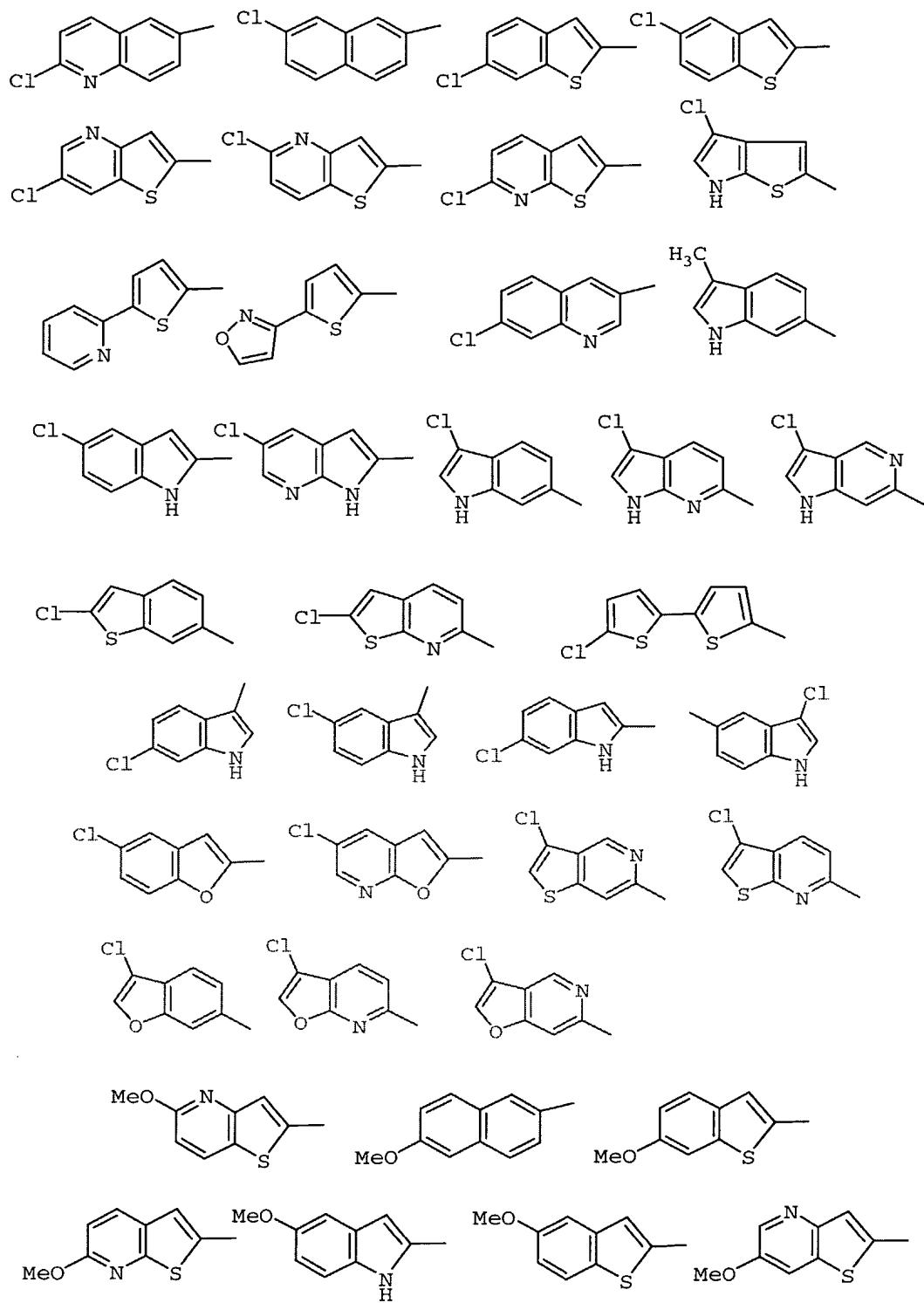
2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
2-aminosulfonyl-phenyl; 2-hydroxy-4-methoxy-phenyl;
2-methylsulfonyl-phenyl;
5 3-(N,N-dimethylamino)-4-chloro-phenyl;
3-(N,N-dimethylamino)-phenyl; 3-(N-hydroxy-amidino)-phenyl;
3-(N-methoxy-amidino)-phenyl;
3-(N-methylamino)-4-chloro-phenyl;
3-(N-methylamino)-phenyl; 3-amidino-phenyl;
10 3-amido-6-hydroxy-phenyl; 3-amido-phenyl;
3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
3-amino-phenyl; 3-chloro-4-fluoro-phenyl; 3-chloro-phenyl;
3-hydroxy-4-methoxy-phenyl; 3,5-dichloro-thien-2-yl;
4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
15 4-(N-methylamino)-5-chloro-thien-2-yl;
4-amino-5-chloro-thien-2-yl; 4-amino-pyrid-2-yl;
4-chloro-3-fluoro-phenyl; 4-chloro-phenyl;
4-chloro-pyrid-2-yl; 4-methoxy-2-methylsulfonyl-phenyl;
4-methoxy-phenyl; 2-methoxy-pyrid-5-yl;
20 5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
5-(N-methylamino)-4-chloro-thien-2-yl;
5-amino-4-chloro-thien-2-yl;
5-chloro-2-aminosulfonyl-phenyl;
5-chloro-2-methylsulfonyl-phenyl; 5-chloro-pyrid-2-yl;
25 5-chloro-thien-2-yl; 5-methoxy-thien-2-yl;
6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
2-aminomethyl-4-chloro-phenyl;
2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
30 4-chloro-2-methylsulfonyl-phenyl;
2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl;
4-fluoro-2-methylsulfonyl-phenyl;
2-aminomethyl-4-bromo-phenyl;
2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
35 4-bromo-2-methylsulfonyl-phenyl;
2-aminomethyl-4-methyl-phenyl;

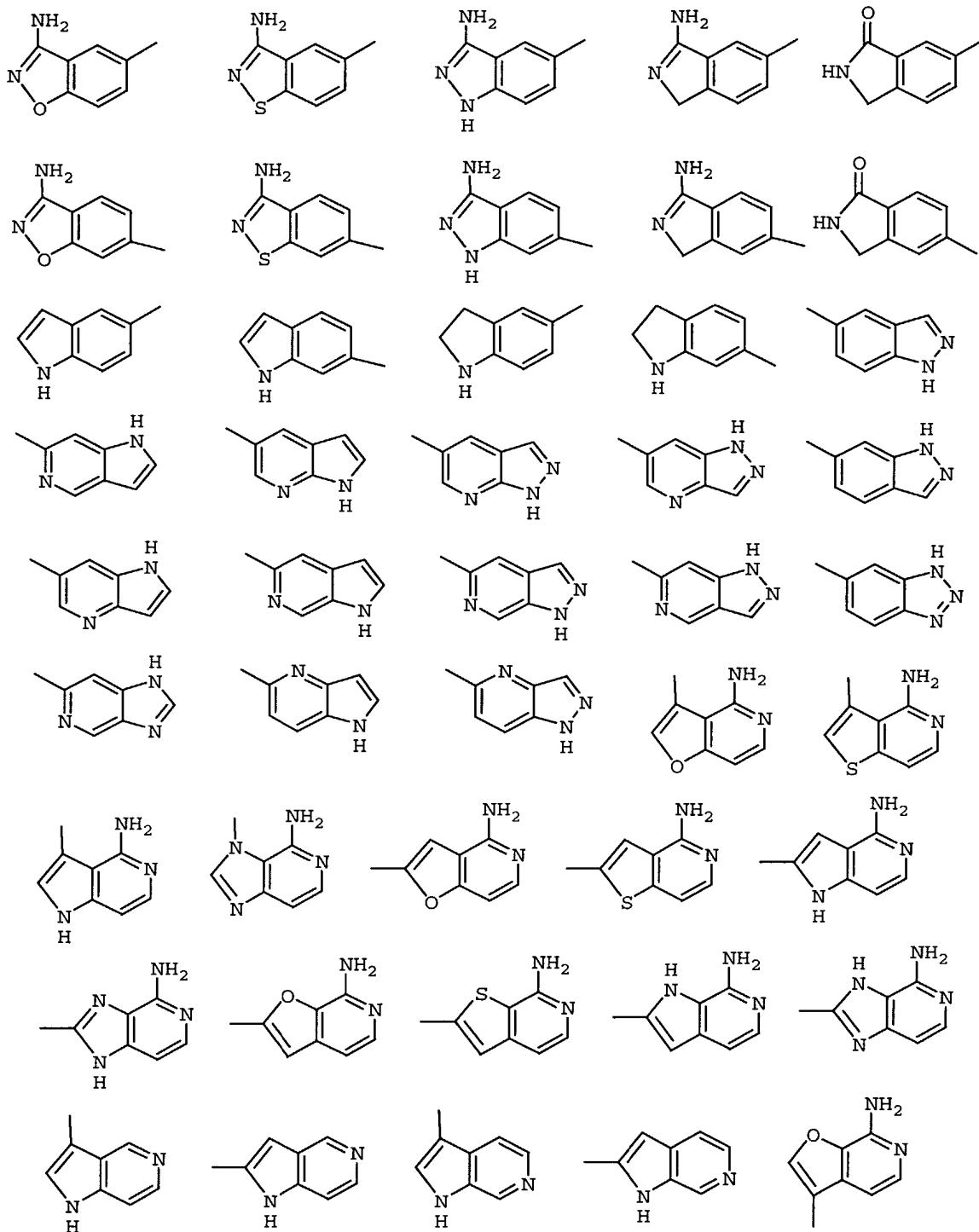
2-amino-sulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl;
 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;
 4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl;
 5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;
 5 5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;

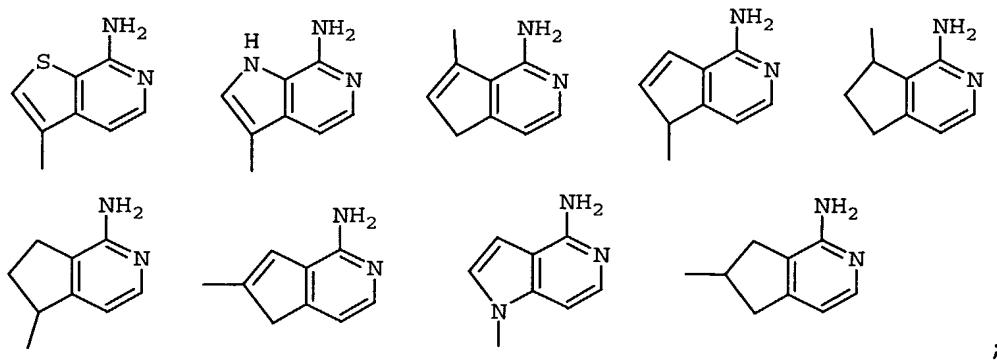












G_1 is absent or is selected from $(CR^3R^{3a})_{1-3}$, $CR^3=CR^3$,

$(CR^3R^{3a})_uC(O)(CR^3R^{3a})_w$, $(CR^3R^{3a})_uO(CR^3R^{3a})_w$,

5 $(CR^3R^{3a})_uNR^{3b}(CR^3R^{3a})_w$, $(CR^3R^{3a})_uC(O)NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uNR^{3b}C(O)(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uNR^{3b}C(O)(CR^3R^{3a})_uC(O)NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uS(CR^3R^{3a})_w$, $(CR^3R^{3a})_uS(O)(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uS(O)_2(CR^3R^{3a})_w$, $(CR^3R^{3a})_uS(O)NR^{3b}(CR^3R^{3a})_w$,

10 $(CR^3R^{3a})_uNR^{3b}S(O)_2(CR^3R^{3a})_w$, $(CR^3R^{3a})_uS(O)_2NR^{3b}(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uC(O)NR^{3b}S(O)_2(CR^3R^{3a})_w$,

$(CR^3R^{3a})_uNR^{3b}C(S)(CR^3R^{3a})_uC(O)NR^{3b}(CR^3R^{3a})_w$, and

$(CR^3R^{3a})_uNR^{3b}C(O)(CR^3R^{3a})_uC(S)NR^{3b}(CR^3R^{3a})_w$, wherein u

+ w total 0, 1, or 2, provided that G_1 does not form a
15 N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to
which it is attached;

A is selected from one of the following carbocycles and
heterocycles which are substituted with 0-2 R⁴;

20 cyclohexyl, phenyl, piperidinyl, piperazinyl,
pyridyl, pyrimidyl, furanyl, morpholinyl, thienyl,
pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl,
thiazolyl, isothiazolyl, pyrazolyl, imidazolyl,
1,2,3-oxadiazolyl, 1,2,4-oxadiazolyl,
25 1,2,5-oxadiazolyl, 1,3,4-oxadiazolyl,
1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl,
1,2,5-thiadiazolyl, 1,3,4-thiadiazolyl,

1,2,3-triazolyl, 1,2,4-triazolyl, 1,2,5-triazolyl,
1,3,4-triazolyl, benzofuranyl, benzothiofuranyl,
indolinyl, indolyl, benzimidazolyl, benzoxazolyl,
benzthiazolyl, indazolyl, benzisoxazolyl,
5 benzisothiazolyl, and isoindazolyl;

X is selected from $-(CR^2R^{2a})_{1-2}-$, $-C(O)-$, $-S(O)_{2-}$,
 $-NR^2S(O)_{2-}$, $-NR^2S(O)_2NR^2-$, $-NR^2C(O)-$, $-C(O)NR^2-$, NR^2 ,
 $-NR^2CR^2R^{2a}-$, $-CR^2R^{2a}NR^2-$, O, $-OCR^2R^{2a}-$, and $-CR^2R^{2a}O-$;

10 Y is a C₃₋₆ monocyclic carbocycle or 5-6 membered monocyclic heterocycle, wherein the carbocycle or heterocycle consists of carbon atoms and 0-2 heteroatoms selected from N, O, and S(O)p, the carbocycle or heterocycle further comprises 0-1 double bonds and 0-1 carbonyl groups, and the carbocycle or heterocycle is substituted with 0-2 R⁴;
15

alternatively, Y is CY¹Y², and Y¹ and Y² are independently
20 C₁₋₂ alkyl substituted with 0-1 R⁴;

R^{1a}, at each occurrence, is selected from H, R^{1b},
CH(CH₃)R^{1b}, C(CH₃)₂R^{1b}, CH₂R^{1b}, and CH₂CH₂R^{1b}, provided
that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

25 alternatively, when two R^{1a} groups are attached to adjacent atoms or to the same carbon atom, together with the atoms to which they are attached, they form a 5-6 membered ring consisting of: carbon atoms and 0-2 heteroatoms selected from the group consisting of N, O, and S(O)p, this ring being substituted with 0-2 R^{4b} and comprising: 0-3 double bonds;
30

R^{1b} is selected from H, CH₃, CH₂CH₃, F, Cl, Br, -CN, -CHO, CF₃, OR², NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, OC(O)R², CO₂R^{2a}, S(O)_pR², NR²(CH₂)_rOR², NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, NR²SO₂R², C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and
5 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

10

R², at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-2 R^{4b}, benzyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b}
15 and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of:
20 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

25

R^{2b}, at each occurrence, is selected from CF₃, C₁₋₄ alkoxy, C₁₋₅ alkyl substituted with 0-3 R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 4-6 membered substituted with 0-2 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group
30 consisting of N, O, and S(O)_p;

R^{2c}, at each occurrence, is selected from CF₃, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃,

CH(CH₃)₂, benzyl, phenyl substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated 10 ring substituted with 0-2 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl 15 substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle 20 substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N- 25 S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CR³R^{3a})-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} 30 consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CR³R^{3a})-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

5 R⁴, at each occurrence, is selected from H, (CH₂)₂OR², CH₂OR², OR², F, Cl, Br, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, C(O)R^{2c}, NR²C(O)R^{2b}, C(O)NR²R^{2a}, SO₂NR²R^{2a}, CF₃, and
10 CF₂CF₃;

15 R^{4a} is selected from -(CR³R^{3g})_r-5-6 membered carbocycle substituted with 0-3 R^{4c}, -(CR³R^{3g})_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)R^{2e}, (CR³R^{3g})_r-C(O)R^{2e}, (CR³R^{3g})_r-OC(O)R^{2e}, (CR³R^{3g})_r-C(O)NR^{2d}R^{2d},
20 (CR³R^{3g})_r-C(O)OR^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)OR^{2d}, (CR³R^{3g})_r-SO₂NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}SO₂R^{2d}, and (CR³R^{3g})_r-S(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

25 R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂-C(O)R³, C(O)OR^{3c}, CH₂-C(O)OR^{3c}, NR³C(O)R^{3a}, CH₂NR³C(O)R^{3a}, C(O)NR³R^{3a}, CH₂-C(O)NR³R^{3a}, SO₂NR³R^{3a}, CH₂SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, CH₂NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, CH₂NR³SO₂-phenyl, S(O)_pCF₃, CH₂S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, CH₂S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CH₂S(O)_p-phenyl, and CF₃;

R^{4c} , at each occurrence, is selected from =O, OR², (CR³R^{3a})OR², F, (CR³R^{3a})F, Br, (CR³R^{3a})Br, Cl, (CR³R^{3a})Cl, CF₃, (CR³R^{3a})CF₃, C₁₋₄ alkyl, C₂₋₃ alkenyl, 5 C₂₋₃ alkynyl, -CN, (CR³R^{3a})CN, NO₂, (CR³R^{3a})NO₂, NR²R^{2a}, (CR³R^{3a})NR²R^{2a}, N(→O)R²R^{2a}, (CR³R^{3a})N(→O)R²R^{2a}, C(O)R^{2c}, (CR³R^{3a})C(O)R^{2c}, NR²C(O)R^{2b}, (CR³R^{3a})NR²C(O)R^{2b}, C(O)NR²R^{2a}, (CR³R^{3a})C(O)NR²R^{2a}, NR²C(O)NR²R^{2a}, 10 (CR³R^{3a})NR²C(O)NR²R^{2a}, SO₂NR²R^{2a}, (CR³R^{3a})SO₂NR²R^{2a}, NR²SO₂NR²R^{2a}, (CR³R^{3a})NR²SO₂NR²R^{2a}, NR²SO₂R^{5a}, (CR³R^{3a})NR²SO₂R^{5a}, S(O)_pR^{5a}, (CR³R^{3a})S(O)_pR^{5a}, CF₃, CF₂CF₃, C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, 15 (CR³R^{3a})C₃₋₁₀ carbocycle substituted with 0-2 R^{4b}, 5-10 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and (CR³R^{3a})5-10 membered heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, 20 O, and S(O)_p;

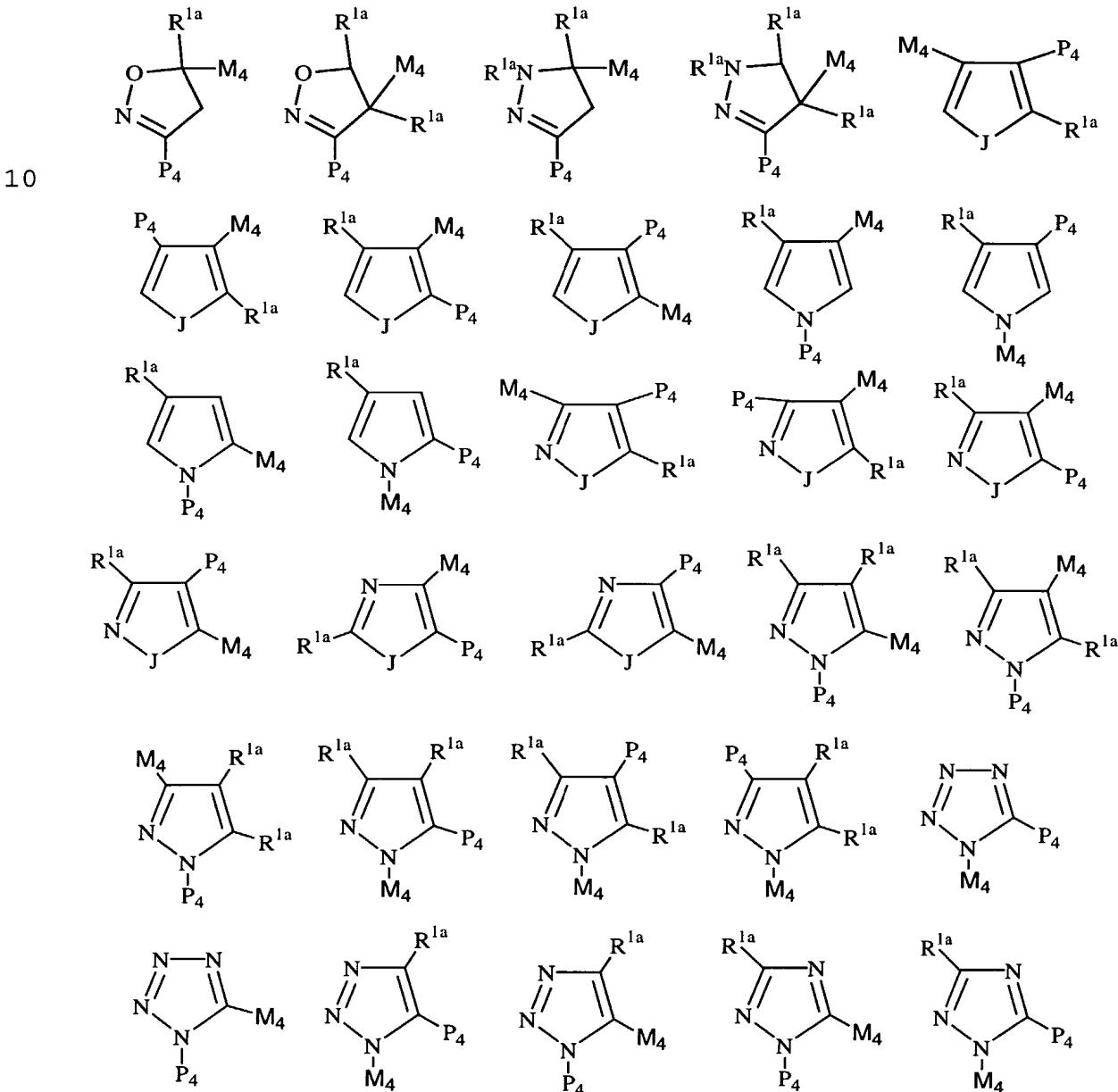
R^5 , at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, CH₂C(O)R³, C(O)OR^{3c}, 25 CH₂C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂CF₃, NR³SO₂-phenyl, S(O)_pCF₃, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶; 30 R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR²R^{2a},

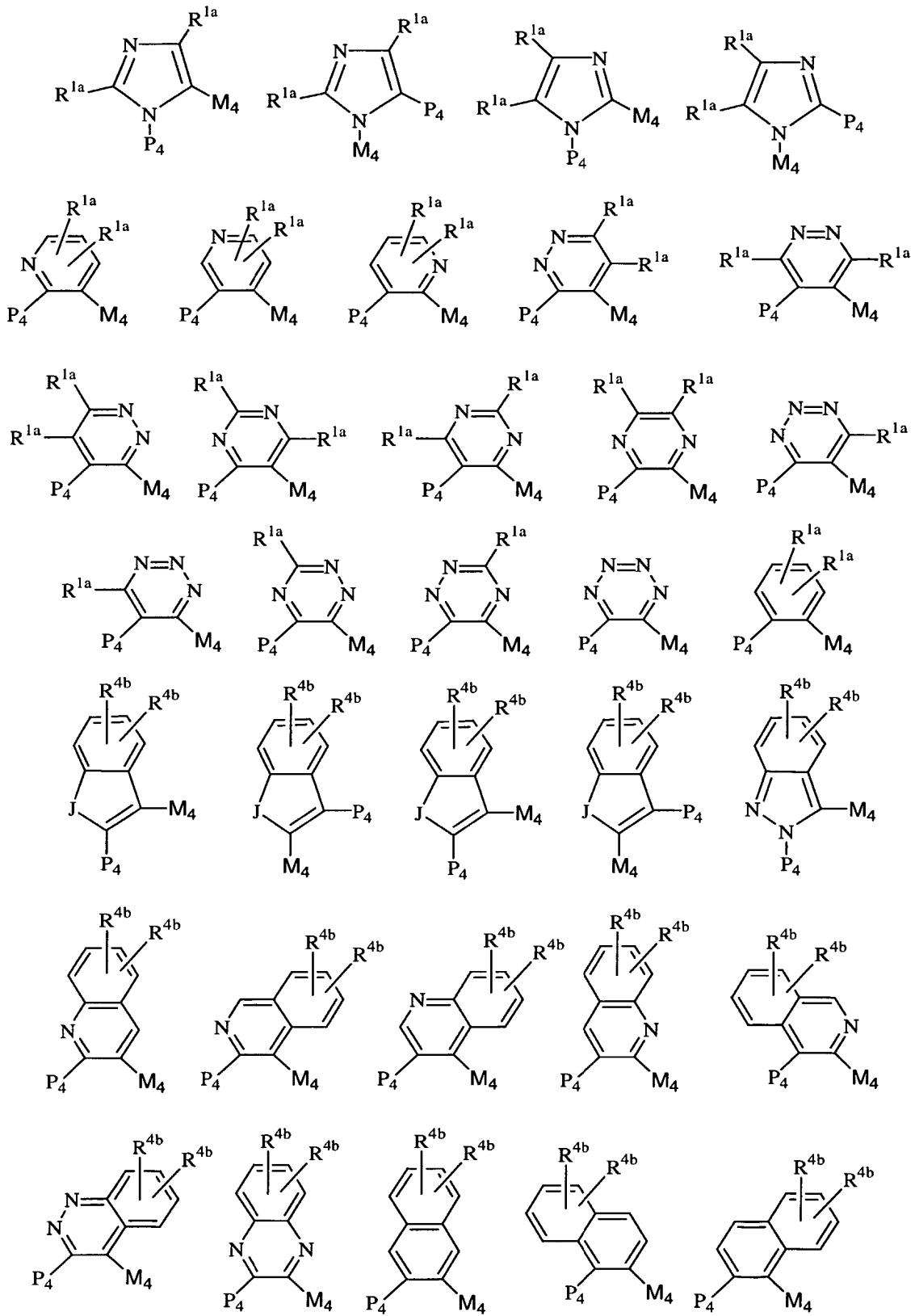
$\text{CH}_2\text{NR}^2\text{R}^{2a}$, C(O)R^{2b} , $\text{CH}_2\text{C(O)R}^{2b}$, $\text{NR}^2\text{C(O)R}^{2b}$, $\text{SO}_2\text{NR}^2\text{R}^{2a}$,
and $\text{NR}^2\text{SO}_2\text{C}_{1-4}$ alkyl; and,

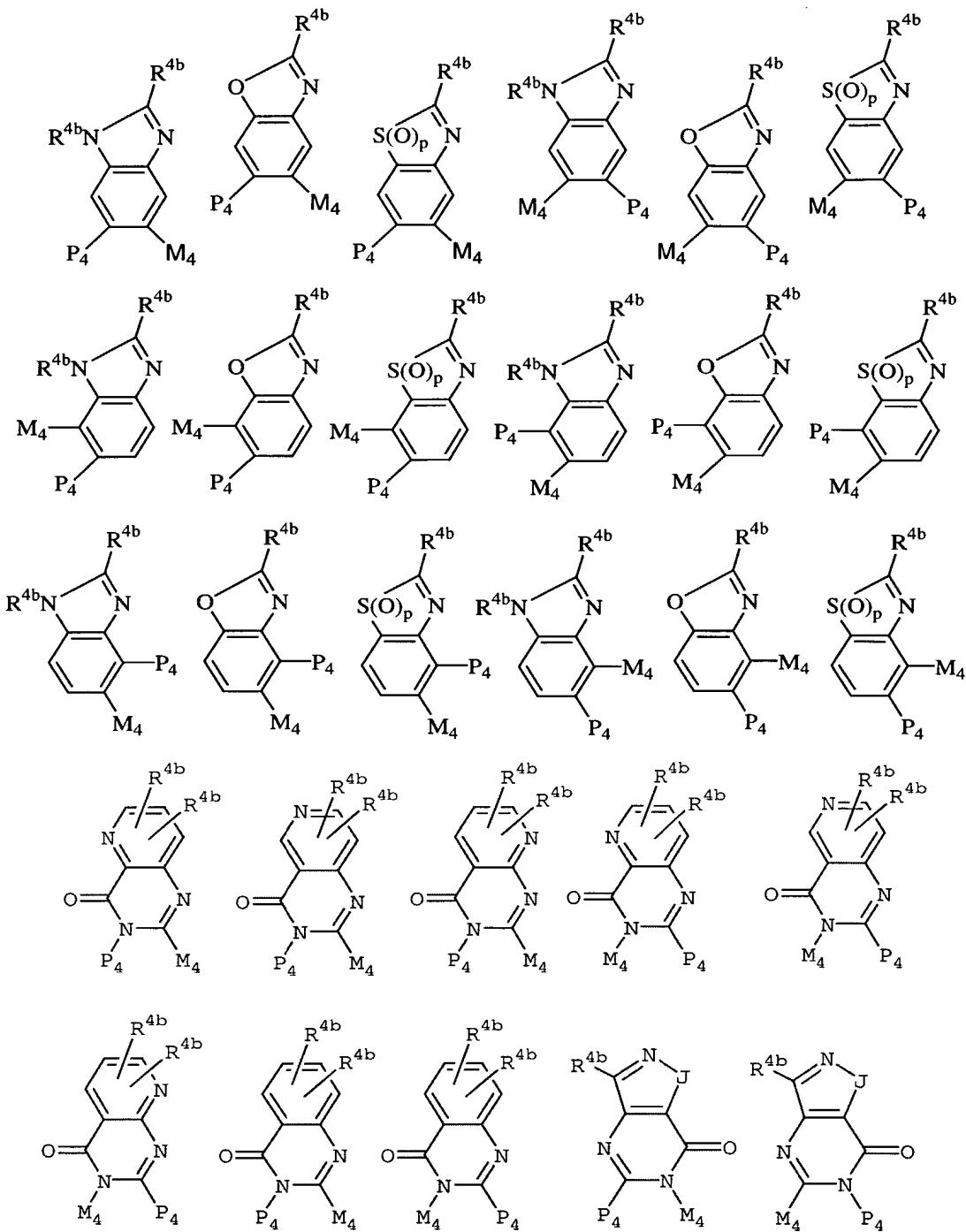
r , at each occurrence, is selected from 0, 1, and 2.

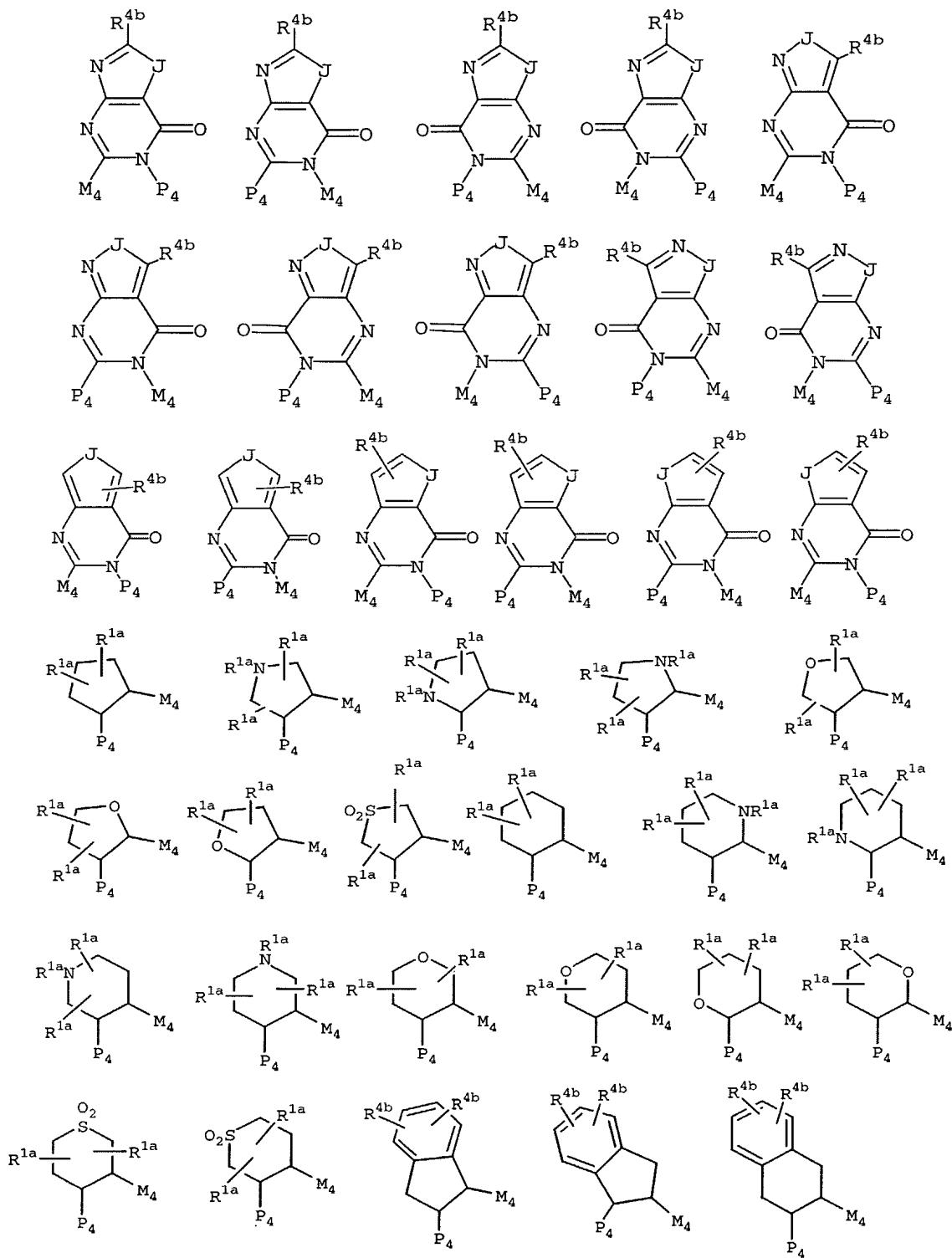
5

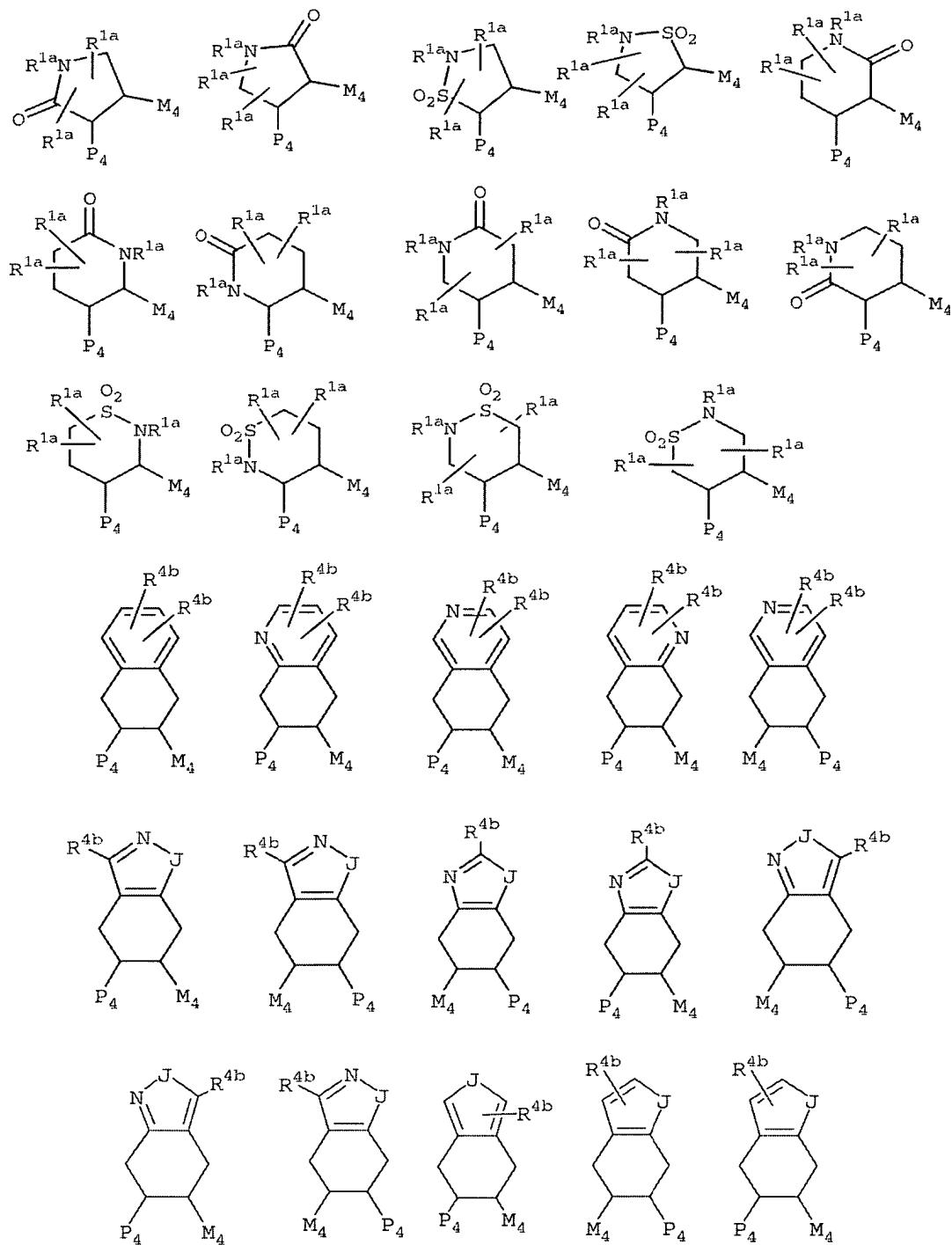
[11] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is selected from:

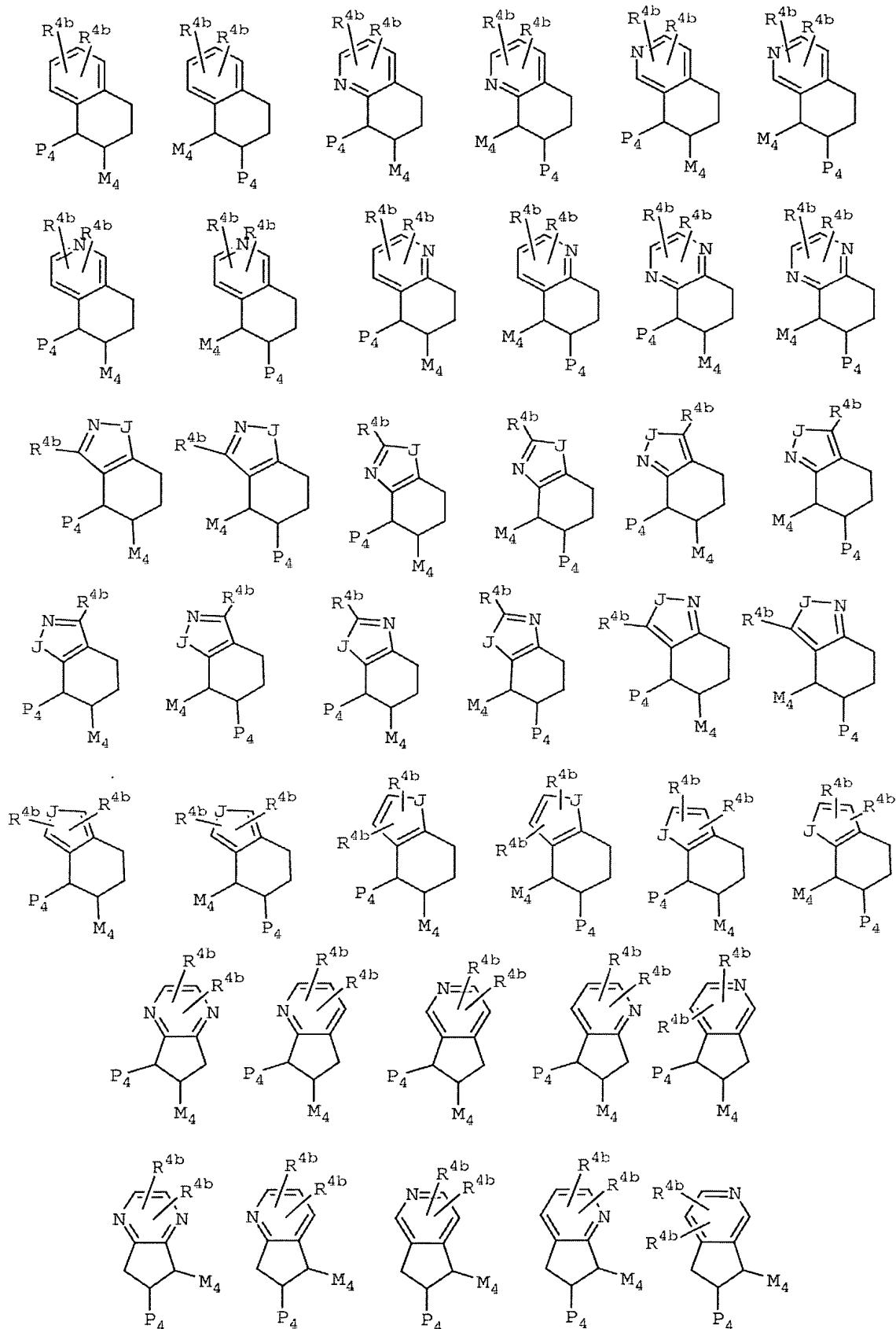


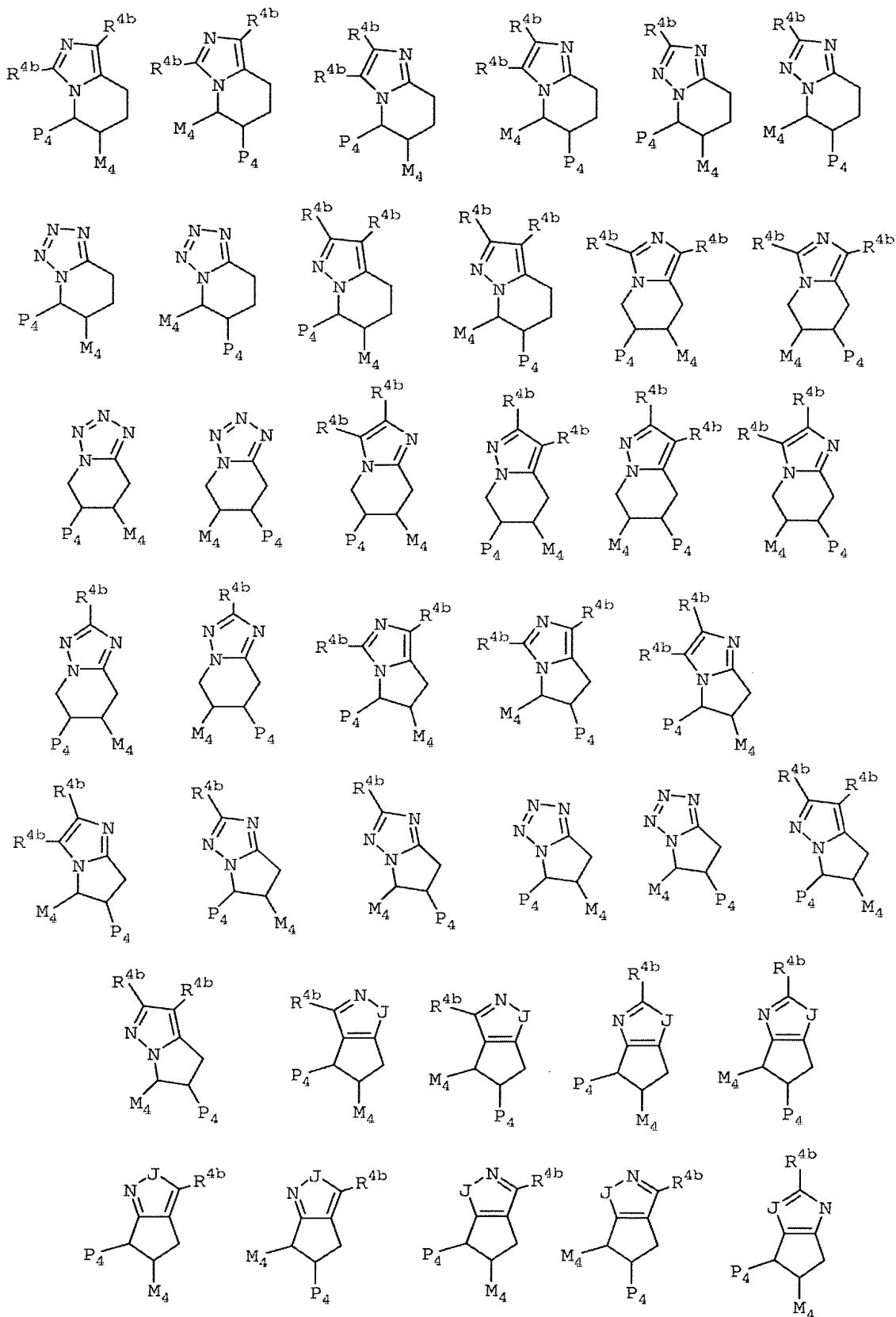


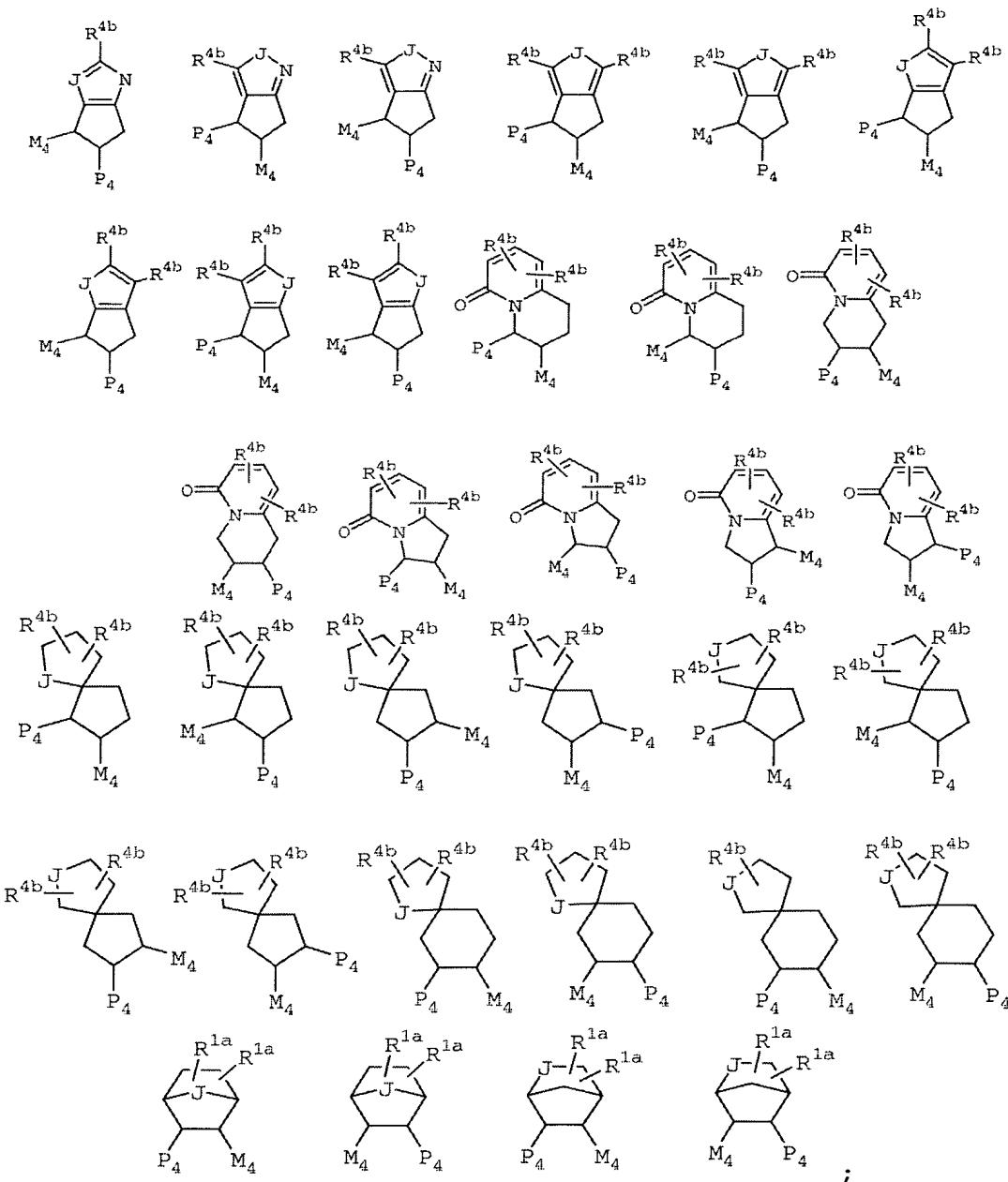










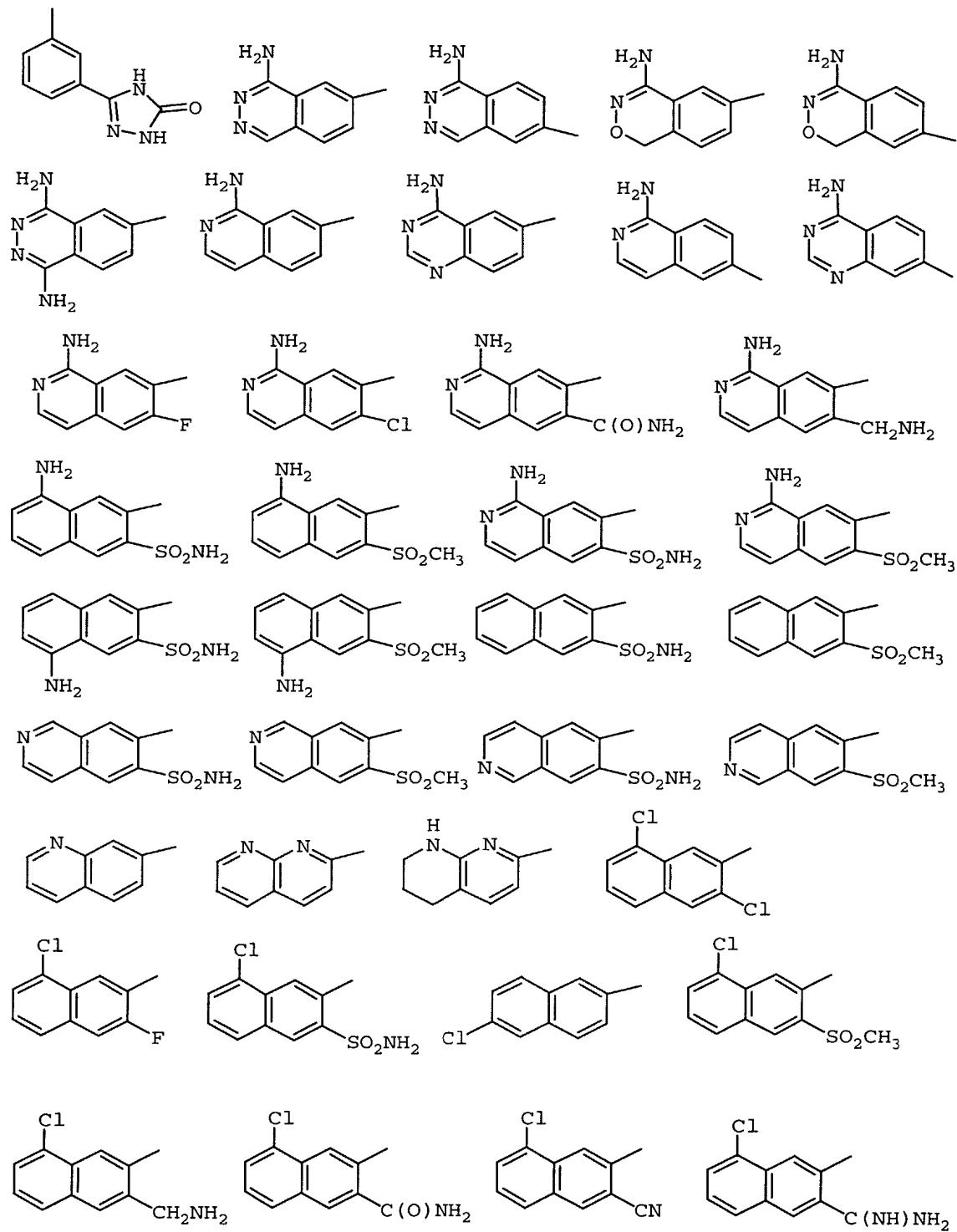


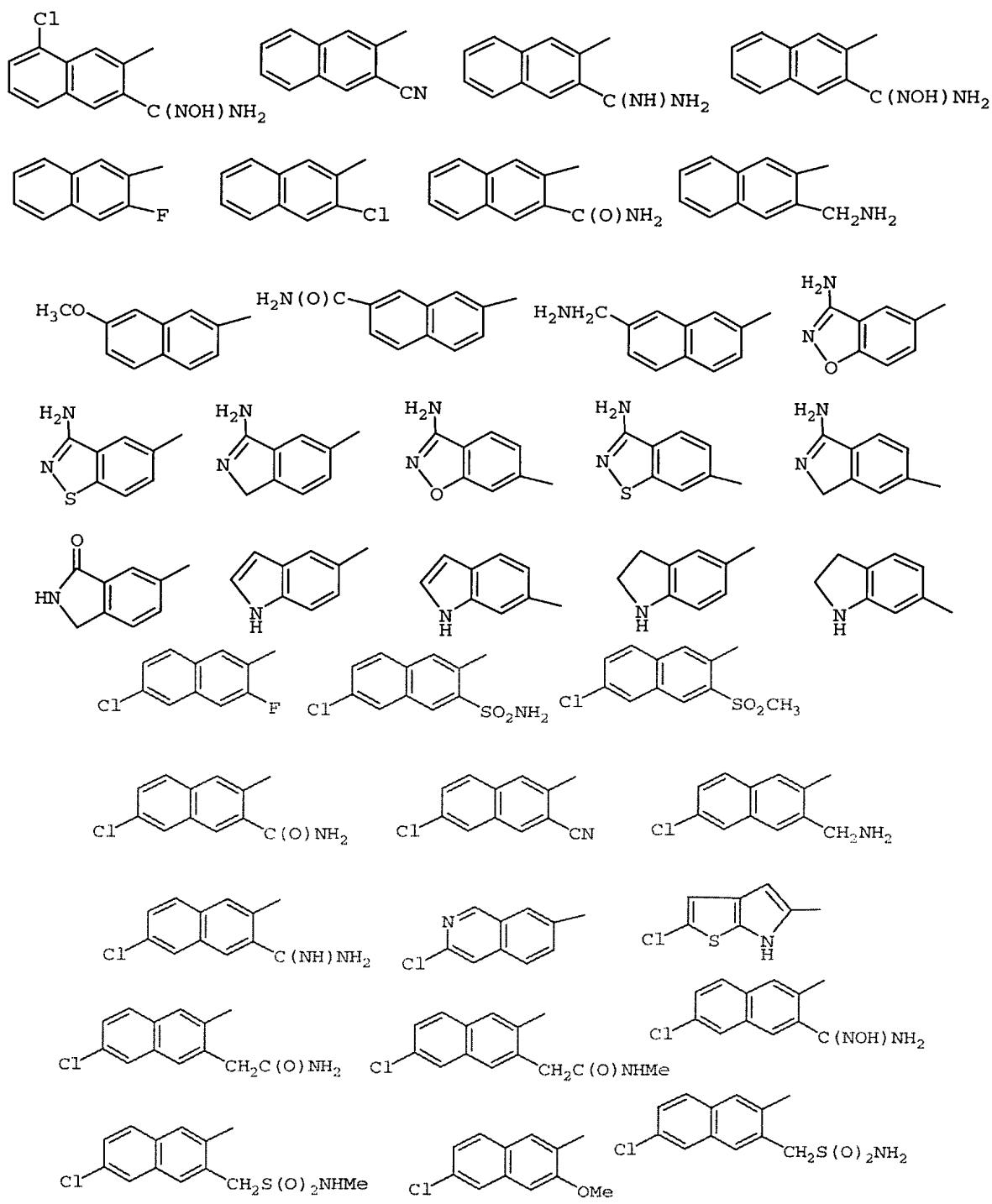
5 J is selected from O, S, NH, and NR^{1a};

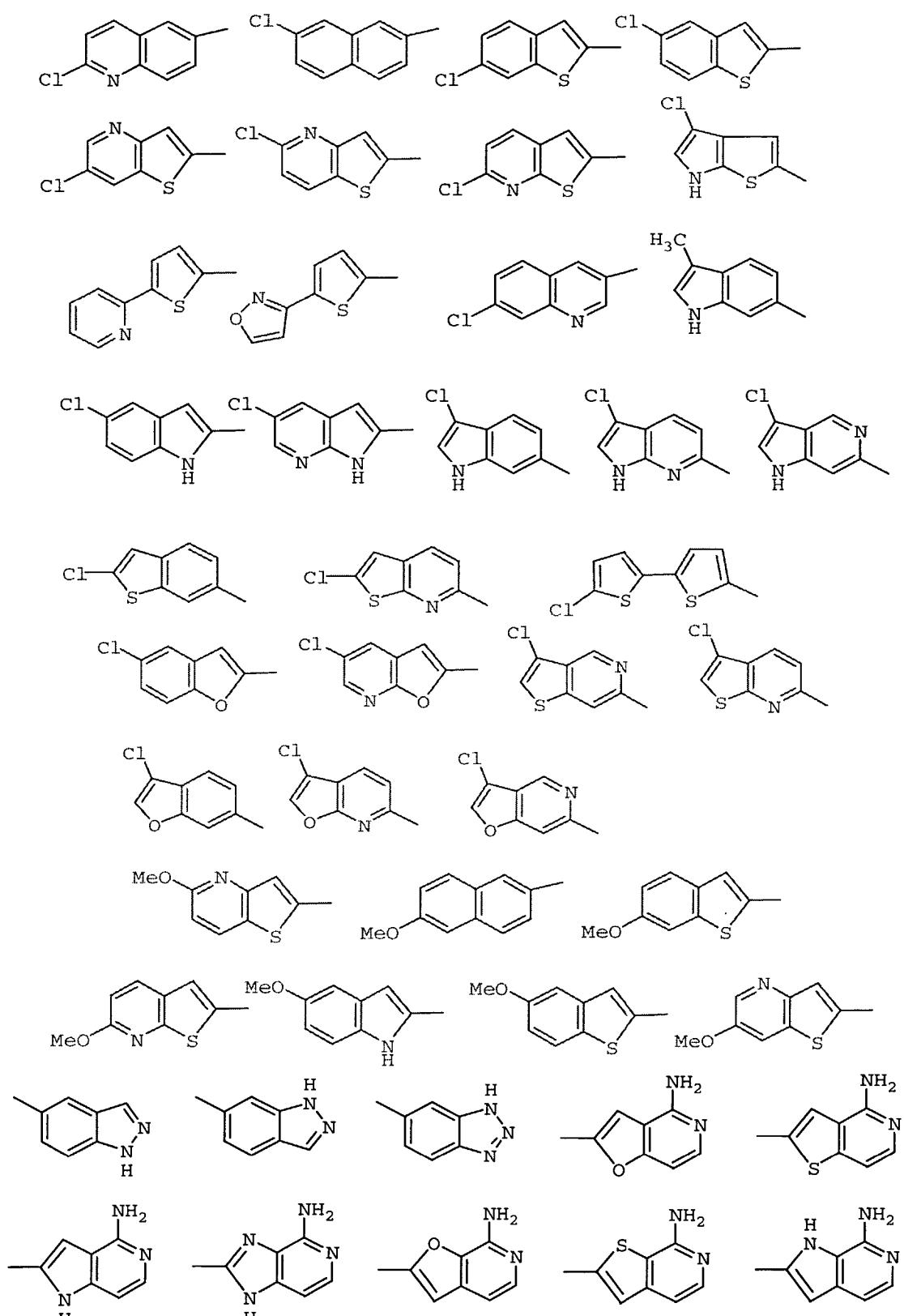
G is selected from the group:

- 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
- 2-aminomethyl-3-fluoro-phenyl;
- 10 2-aminomethyl-4-fluoro-phenyl;
- 2-aminomethyl-4-methoxy-phenyl;
- 2-aminomethyl-5-fluoro-phenyl;
- 2-aminomethyl-5-methoxy-phenyl;

2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
2-aminosulfonyl-phenyl; 2-methylsulfonyl-phenyl;
3-(N,N-dimethylamino)-4-chloro-phenyl;
5 3-(N,N-dimethylamino)-phenyl;
3-(N-methylamino)-4-chloro-phenyl;
3-(N-methylamino)-phenyl; 3-amido-phenyl;
3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
3-amino-phenyl; 3-chloro-phenyl; 3,5-dichloro-thien-2-yl;
10 4-(N,N-dimethylamino)-5-chloro-thien-2-yl;
4-(N-methylamino)-5-chloro-thien-2-yl;
4-amino-5-chloro-thien-2-yl; 4-chloro-phenyl;
4-methoxy-2-methylsulfonyl-phenyl; 4-methoxy-phenyl;
5-(N,N-dimethylamino)-4-chloro-thien-2-yl;
15 5-(N-methylamino)-4-chloro-thien-2-yl;
5-amino-4-chloro-thien-2-yl; 5-chloro-pyrid-2-yl;
5-chloro-thien-2-yl; 5-methoxy-thien-2-yl;
6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
20 2-aminomethyl-4-chloro-phenyl;
2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
4-chloro-2-methylsulfonyl-phenyl;
2-aminosulfonyl-4-fluoro-phenyl; 2-amido-4-fluoro-phenyl;
4-fluoro-2-methylsulfonyl-phenyl;
25 2-aminomethyl-4-bromo-phenyl;
2-aminosulfonyl-4-bromo-phenyl; 2-amido-4-bromo-phenyl;
4-bromo-2-methylsulfonyl-phenyl;
2-aminomethyl-4-methyl-phenyl;
2-aminosulfonyl-4-methyl-phenyl; 2-amido-4-methyl-phenyl;
30 2-methylsulfonyl-4-methyl-phenyl; 4-fluoro-pyrid-2-yl;
4-bromo-pyrid-2-yl; 4-methyl-pyrid-2-yl;
5-fluoro-thien-2-yl; 5-bromo-thien-2-yl;
5-methyl-thien-2-yl; 2-amido-4-methoxy-phenyl;







G₁ is absent or is selected from CH₂, CH₂CH₂, CH=CH, CH₂O, OCH₂, NH, CH₂NH, NHCH₂, CH₂C(O), C(O)CH₂, C(O)NH, NHC(O), NHC(O)NH, C(O)NHS(O)₂, NHCOCONH, NHCOC(S)NH, NHC(S)CONH, CH₂S(O)₂, S(O)₂(CH₂), SO₂NH, and NSO₂,
5 provided that G₁ does not form a N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to which it is attached;

A is selected from cyclohexyl, indolinyl, piperidinyl, phenyl, pyridyl, and pyrimidyl, and is substituted
10 with 0-2 R⁴;

X is selected from CH₂, C(O), -S(O)₂-, -NHC(O)-, -C(O)NH-, -CH₂NH-, O, and -CH₂O-;

15 Y is selected from C(CH₃)₂, C(CH₂CH₃)₂, cyclopropyl, cyclobutyl, cyclopentyl, cyclopentanonyl, cyclohexyl, cyclohexanonyl, pyrrolidinyl, pyrrolidinonyl, piperidinyl, piperidinonyl, tetrahydrofuranyl, and tetrahydropyranyl, and, when Y is a ring, Y is substituted with 0-1 R⁴;
20

25 R^{1a}, at each occurrence, is selected from H, R^{1b}, CH(CH₃)R^{1b}, C(CH₃)₂R^{1b}, and CH₂R^{1b}, provided that R^{1a} forms other than an N-halo, N-S, or N-CN bond;

30 R^{1b} is selected from CH₃, CH₂CH₃, F, Cl, Br, -CN, CF₃, OR², NR²R^{2a}, C(O)R^{2b}, CO₂R^{2b}, CO₂R^{2a}, S(O)_pR², C(O)NR²R^{2a}, SO₂NR²R^{2a}, NR²SO₂R², C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 5-6 membered aromatic heterocycle consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p and substituted with 0-2 R^{4b}, provided that R^{1b} forms other than an O-O, N-halo, N-S, or N-CN bond;

R², at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b}, benzyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, cyclopropyl, benzyl, phenyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, C₁₋₅ alkyl substituted with 0-3 R^{4b}, benzyl, C₃₋₆ carbocycle substituted with 0-2 R^{4b}, and 4-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, benzyl, phenyl substituted with 0-1 R^{4b}, and 5-6 membered aromatic heterocycle substituted with 0-1 R^{4b} and consisting of carbon atoms and from 1-4

heteroatoms selected from the group consisting of N, O, and S(O)_p;

R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ carbocycle substituted with 0-2 R^{4c}, -(CH₂)-C₃₋₆ carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R⁴, at each occurrence, is selected from OH, OR², CH₂OR², (CH₂)₂OR², F, Br, Cl, I, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH₂CH₂CH₂CH₃, CH₂CH(CH₃)₂, CH(CH₃)CH₂CH₃, C(CH₃)₃, NR²R^{2a}, CH₂NR²R^{2a}, (CH₂)₂NR²R^{2a}, CF₃, and CF₂CF₃;

R^{4a} is selected from -(CR³R^{3g})_r-5-6 membered carbocycle substituted with 0-3 R^{4c}, -(CR³R^{3g})_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of:
5 carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CR³R^{3g})_rNR^{2d}R^{2d}, (CR³R^{3g})_rN(→O)R^{2d}R^{2d}, (CR³R^{3g})_rOR^{2d},
(CR³R^{3g})_r-C(O)NR^{2d}R^{2d}, (CR³R^{3g})_r-NR^{2d}C(O)R^{2e},
(CR³R^{3g})_r-C(O)R^{2e}, (CR³R^{3g})_r-NR^{2d}C(O)NR^{2d}R^{2d},
10 (CR³R^{3g})_r-NR^{2d}C(O)OR^{2d}, (CR³R^{3g})_r-NR^{2d}SO₂R^{2d}, and
(CR³R^{3g})_r-S(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

R^{4b}, at each occurrence, is selected from H, =O, OR³,
15 CH₂OR³, F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN,
NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a},
C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl,
S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, and CF₃;

R^{4c}, at each occurrence, is selected from =O, OR², CH₂OR²,
F, Br, Cl, CF₃, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, C₂₋₃
alkenyl, C₂₋₃ alkynyl, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a},
N(→O)R²R^{2a}, CH₂N(→O)R²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c},
NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a},
25 SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a},
S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃, CF₂CF₃, C₃₋₆ carbocycle
substituted with 0-2 R^{4b}, (CH₂)C₃₋₆ carbocycle
substituted with 0-2 R^{4b}, 5-6 membered heterocycle
substituted with 0-2 R^{4b} and consisting of carbon atoms
30 and from 1-4 heteroatoms selected from the group
consisting of N, O, and S(O)_p, and (CH₂)5-6 membered
heterocycle substituted with 0-2 R^{4b} and consisting of

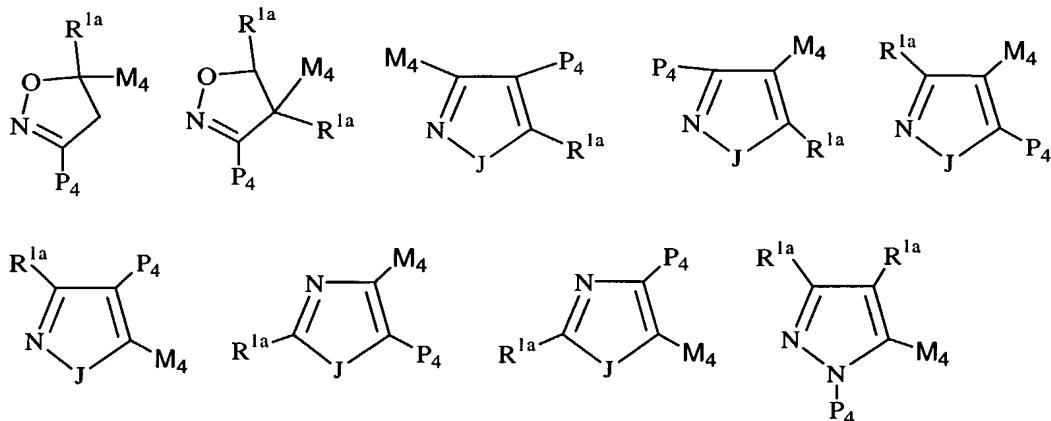
carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

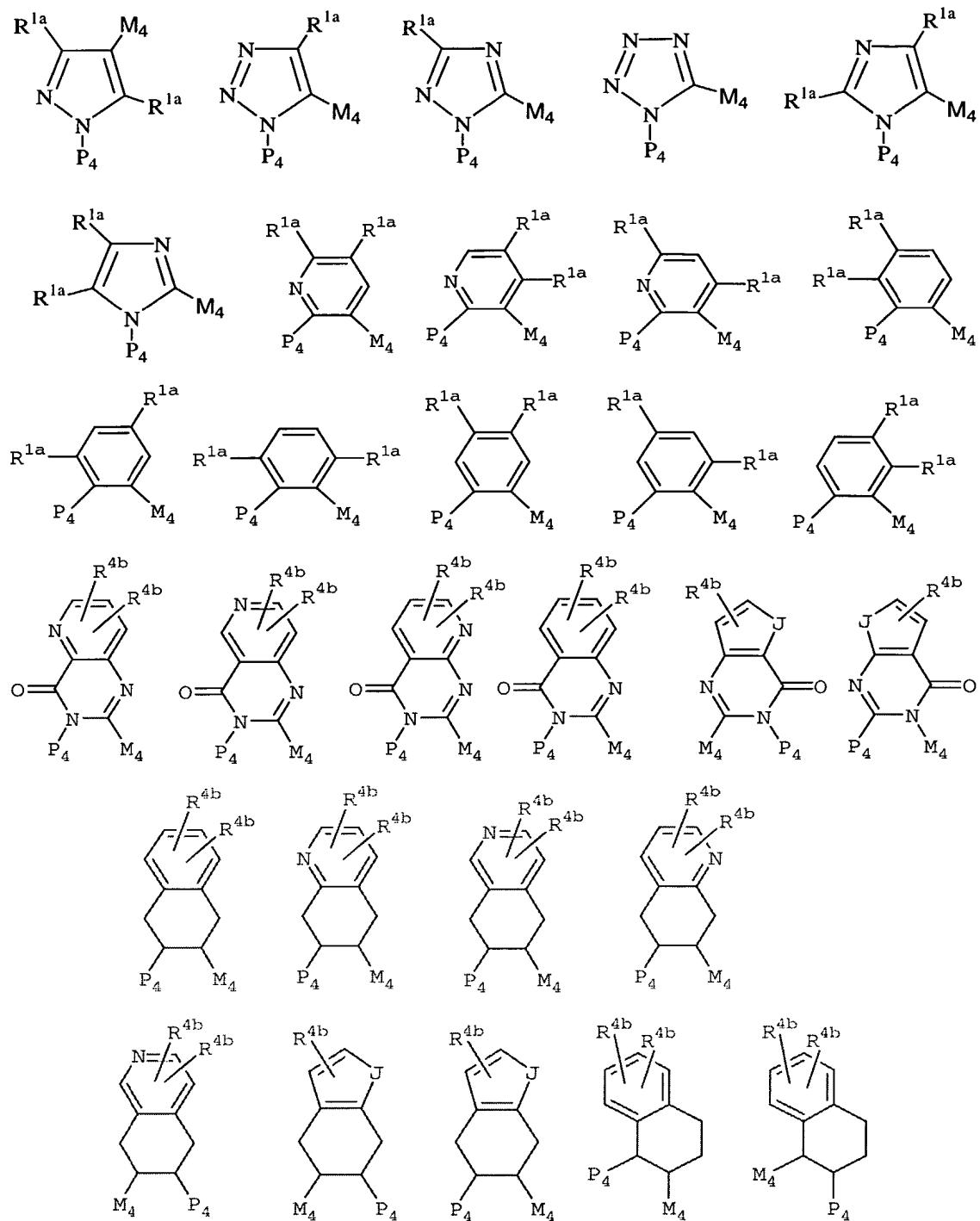
R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃,

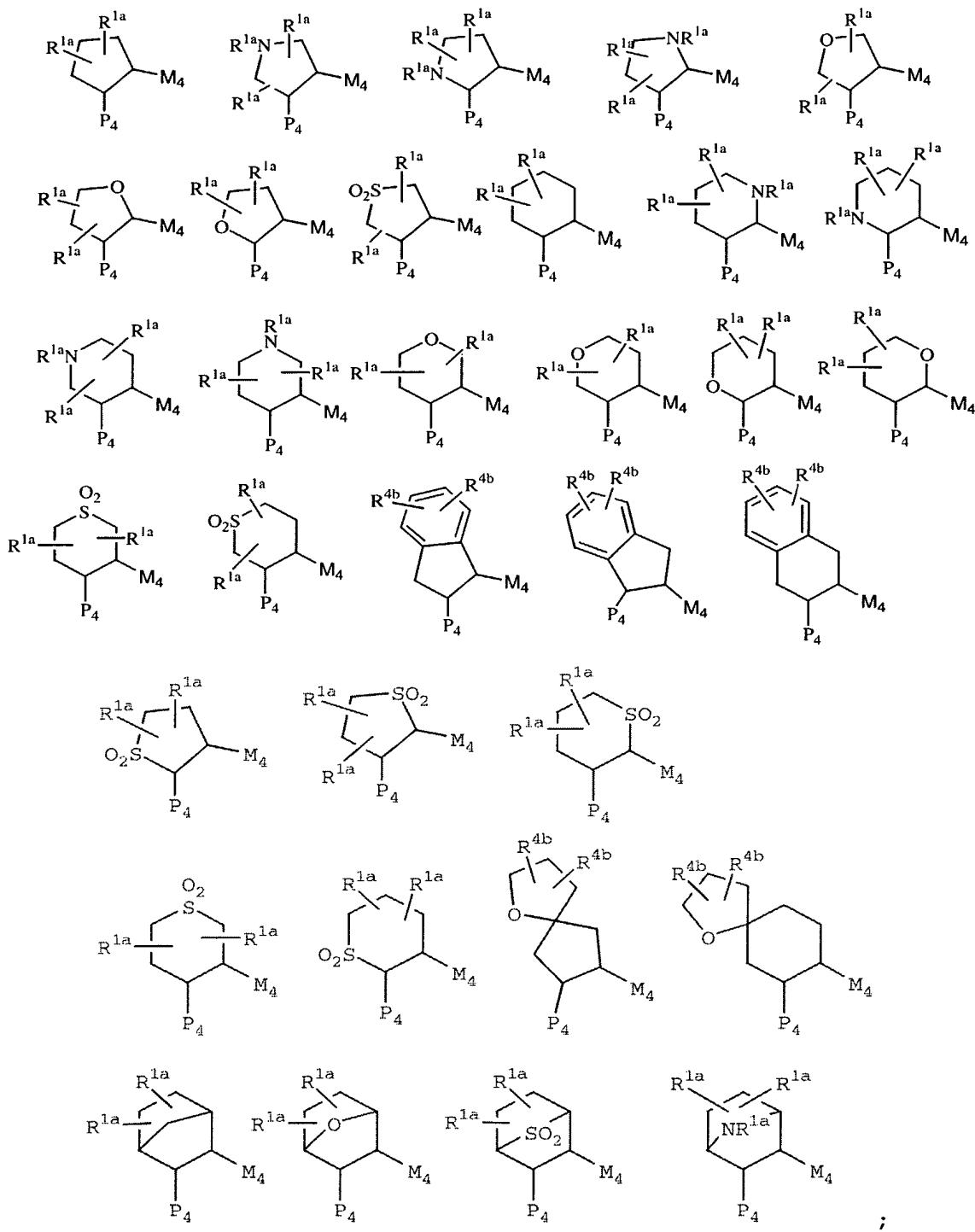
5 CH₂CH₂CH₃, CH(CH₃)₂, OR³, CH₂OR³, F, Cl, -CN, NO₂, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, S(O)_p-C₁₋₄ alkyl, S(O)_p-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and 10 benzyl substituted with 0-2 R⁶; and,

R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, -CN, NO₂, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, NR²C(O)R^{2b}, and 15 SO₂NR²R^{2a}.

[12] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is selected 20 from:







J is selected from O, S, NH, and NR^{1a};

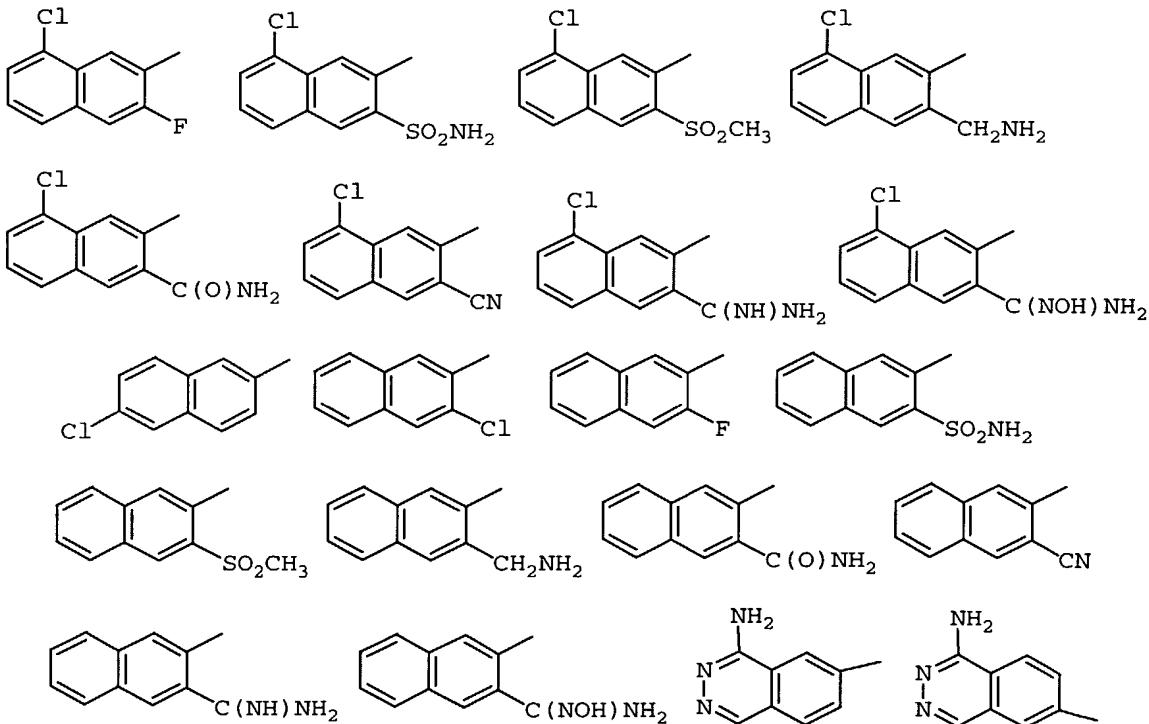
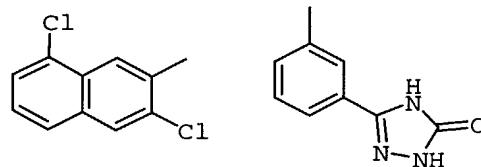
5

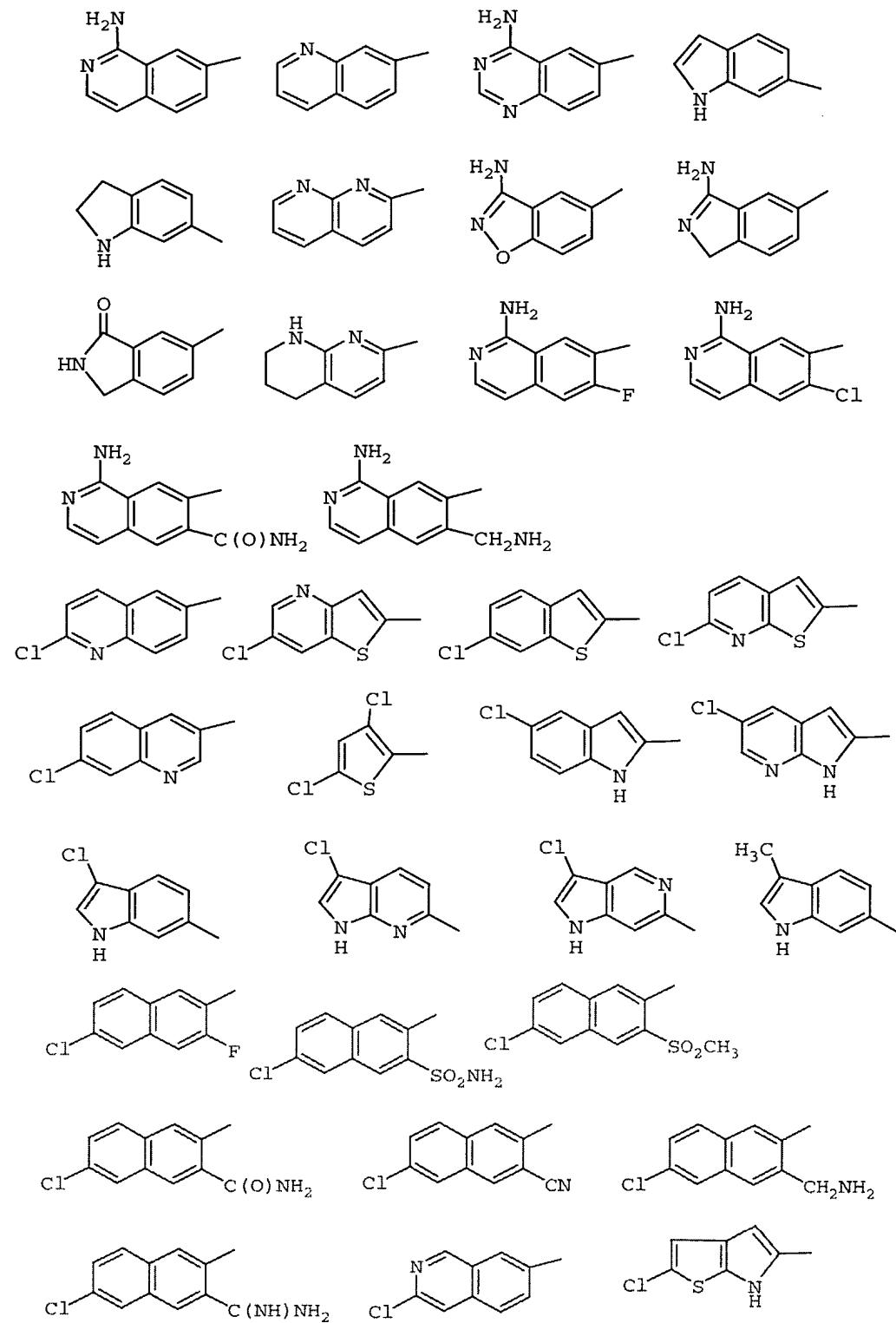
P₄ is -G₁-G;

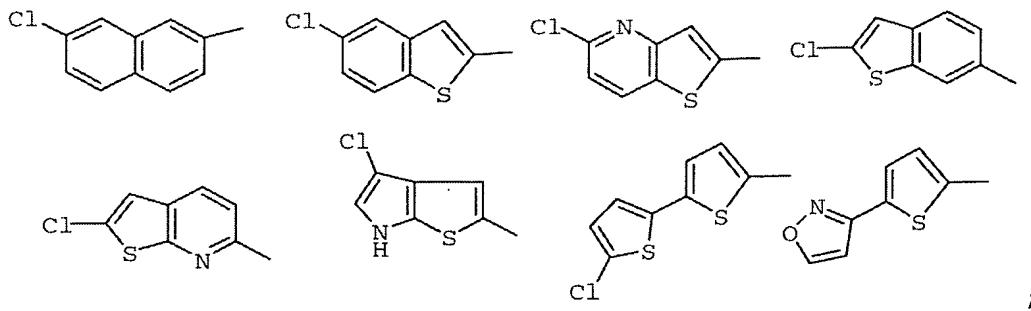
M₄ is -Z-A-B;

G is selected from:

- 2-amido-4-methoxy-phenyl; 2-amido-phenyl;
- 2-aminomethyl-3-fluoro-phenyl;
- 5 2-aminomethyl-4-fluoro-phenyl;
- 2-aminomethyl-5-fluoro-phenyl;
- 2-aminomethyl-6-fluoro-phenyl; 2-aminomethyl-phenyl;
- 2-amino-pyrid-4-yl; 2-aminosulfonyl-4-methoxy-phenyl;
- 2-aminosulfonyl-phenyl; 3-amido-phenyl;
- 10 3-amino-4-chloro-phenyl; 3-aminomethyl-phenyl;
- 3-chloro-phenyl; 4-chloro-phenyl; 4-methoxy-phenyl;
- 5-chloro-pyrid-2-yl; 5-chloro-thien-2-yl;
- 6-amino-5-chloro-pyrid-2-yl; 6-amino-pyrid-2-yl; 5-chloro-pyrimidin-3-yl; 6-chloro-pyridazin-3-yl;
- 15 2-aminomethyl-4-chloro-phenyl;
- 2-aminosulfonyl-4-chloro-phenyl; 2-amido-4-chloro-phenyl;
- 4-chloro-2-methylsulfonyl-phenyl;







G₁ is absent or is selected from CH=CH, CH₂NH, NHCH₂, CH₂C(O), C(O)CH₂, C(O)NH, NHC(O), NHC(O)NH, CH₂S(O)₂, S(O)₂(CH₂), SO₂NH, and NSO₂, provided that G₁ does not form a N-S, NCH₂N, NCH₂O, or NCH₂S bond with either group to which it is attached;

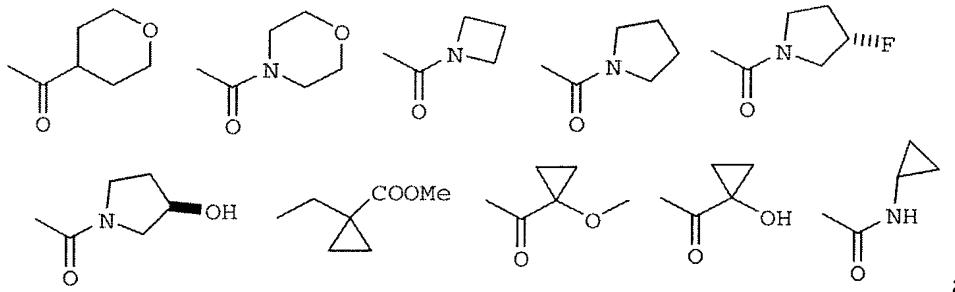
A is selected from the group: cyclohexyl, indolinyl, piperidinyl, phenyl, 2-pyridyl, 3-pyridyl, 2-pyrimidyl, 2-Cl-phenyl, 3-Cl-phenyl, 2-F-phenyl, 3-F-phenyl, 2-methylphenyl, 2-aminophenyl, and 2-methoxyphenyl;

Y is selected from C(CH₃)₂, C(CH₂CH₃)₂, cyclopropyl, cyclobutyl, cyclopentyl, 2-cyclopentanonyl, cyclohexyl, 2-cyclohexanonyl, pyrrolidinyl (attached to A and R^{4a} at the 2-position), pyrrolidinyl (attached to A and R^{4a} at the 3-position), 2-pyrrolidinonyl (attached to A and R^{4a} at the 3-position), piperidinyl (attached to A and R^{4a} at the 4-position), 4-piperdinonyl (attached to A and R^{4a} at the 3-position), tetrahydrofuran, and tetrahydropyran (attached to A and R^{4a} at the 4-position);

R^{1a}, at each occurrence, is selected from H, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH₂F, CH₂Cl, Br, CH₂Br, -CN, CH₂CN, CF₃, CH₂CF₃, OCH₃, CH₂OH, C(CH₃)₂OH, CH₂OCH₃, CH₂CH₂OCH₃, NH₂, CH₂NH₂, NHCH₃, CH₂NHCH₃, N(CH₃)₂, CH₂N(CH₃)₂, CO₂H,

CH₂CO₂H, CH₂CH₂CO₂H, COCH₃, CO₂CH₃, CH₂CO₂CH₃, SCH₃,
 CH₂SCH₃, S(O)CH₃, CH₂S(O)CH₃, S(O)₂CH₃, CH₂S(O)₂CH₃,
 C(O)NH₂, CH₂C(O)NH₂, SO₂NH₂, CH₂SO₂NH₂, NHSO₂CH₃,
 CH₂NHSO₂CH₃, COCH₂C(CH₃)₃, COCH₂OH, COCH₂OCH₃,
 5 COC(CH₃)₂OH, COC(CH₃)₂CH₂OH, COC(CH₃)₂CH₂OCH₃,
 C(O)OCH₂CH₂OCH₃, COCF₃, CO₂CH₂CH₃, CO₂CH(CH₃)₂,
 CO₂C(CH₃)₃, CH₂CH₂CO₂CH₂CH₃, CONH(CH₃), CONH(CH₂CH₃),
 CONHC(CH₃)₃, CON(CH₃)₂, CON(CH₃)(CH₂CH₃),
 CON(CH₃)CH(CH₃)₂, CH₂CON(CH₃)₂, C(O)-phenyl, C(O)-
 10 cyclopropyl, C(O)-cyclobutyl, C(O)-cyclopentyl,
 pyridin-2-yl, pyridin-3-yl, pyridin-4-yl, pyridin-2-
 yl-N-oxide, pyridin-3-yl-N-oxide, pyridin-4-yl-N-
 oxide, imidazol-1-yl, CH₂-imidazol-1-yl, 4-methyl-
 oxazol-2-yl, 4-N,N-dimethylaminomethyl-oxazol-2-yl,
 15 1,2,3,4-tetrazol-1-yl, 1,2,3,4-tetrazol-5-yl, CH₂-
 1,2,3,4-tetrazol-1-yl, and CH₂-1,2,3,4-tetrazol-5-yl,
 provided that R^{1a} forms other than an N-halo, N-S, or
 N-CN bond;

20 alternatively, R^{1a} is selected from:



R², at each occurrence, is selected from H, CH₃, CH₂CH₃,
 CH₂CH₂CH₃, CH(CH₃)₂, phenyl substituted with 0-1 R^{4b},
 25 benzyl substituted with 0-1 R^{4b}, and 5 membered
 aromatic heterocycle substituted with 0-1 R^{4b} and
 consisting of: carbon atoms and 1-4 heteroatoms
 selected from the group consisting of N, O, and S(O)_p;

R^{2a}, at each occurrence, is selected from H, CH₃, and CH₂CH₃;

5 alternatively, R² and R^{2a}, together with the nitrogen atom to which they are attached, combine to form a 3-6 membered saturated, partially saturated or unsaturated ring substituted with 0-1 R^{4b} and consisting of: 0-1 additional heteroatoms selected from the group
10 consisting of N, O, and S(O)_p;

R^{2b}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

15 R^{2c}, at each occurrence, is selected from OH, OCH₃, OCH₂CH₃, CH₃, and CH₂CH₃;

20 R^{2d}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo,
25 S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

30 R^{2e}, at each occurrence, is selected from H, R^{4c}, C₁₋₄ alkyl substituted with 0-2 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p,

provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

R^{4a} is selected from -(CH₂)_r-5-6 membered carbocycle substituted with 0-3 R^{4c}, -(CH₂)_r-5-6 membered heterocycle substituted with 0-3 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, (CH₂)_rNR^{2d}R^{2d}, (CH₂)_rN(→O)R^{2d}R^{2d}, (CH₂)_rOR^{2d}, (CH₂)_r-C(O)NR^{2d}R^{2d}, (CH₂)_r-NR^{2d}C(O)R^{2e}, (CH₂)_r-C(O)R^{2e}, (CH₂)_r-NR^{2d}C(O)NR^{2d}R^{2d}, (CH₂)_r-NR^{2d}C(O)OR^{2d}, (CH₂)_r-NR^{2d}SO₂R^{2d}, and (CH₂)_r-S(O)_pR^{2d}, provided that S(O)_pR^{2d} forms other than S(O)₂H or S(O)H;

R^{4b}, at each occurrence, is selected from H, =O, OR³, CH₂OR³, F, Cl, CH₃, CH₂CH₃, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-phenyl, S(O)₂CH₃, S(O)₂-phenyl, and CF₃;

R^{4c}, at each occurrence, is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, C₂₋₃ alkenyl, C₂₋₃ alkynyl, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃, CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a}, N(→O)R²R^{2a}, CH₂N(→O)R²R^{2a}, C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b}, C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a}, NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, CH₂S(O)_pR^{5a}, CF₃, cyclopropyl substituted with 0-1 R^{4b}, cyclobutyl substituted with 0-1 R^{4b}, cyclopentyl substituted with 0-1 R^{4b}, phenyl substituted with 0-1 R^{4b}, -CH₂-cyclopropyl substituted with 0-1 R^{4b}, with 0-1 R^{4b}, -CH₂-cyclobutyl substituted with 0-1 R^{4b},

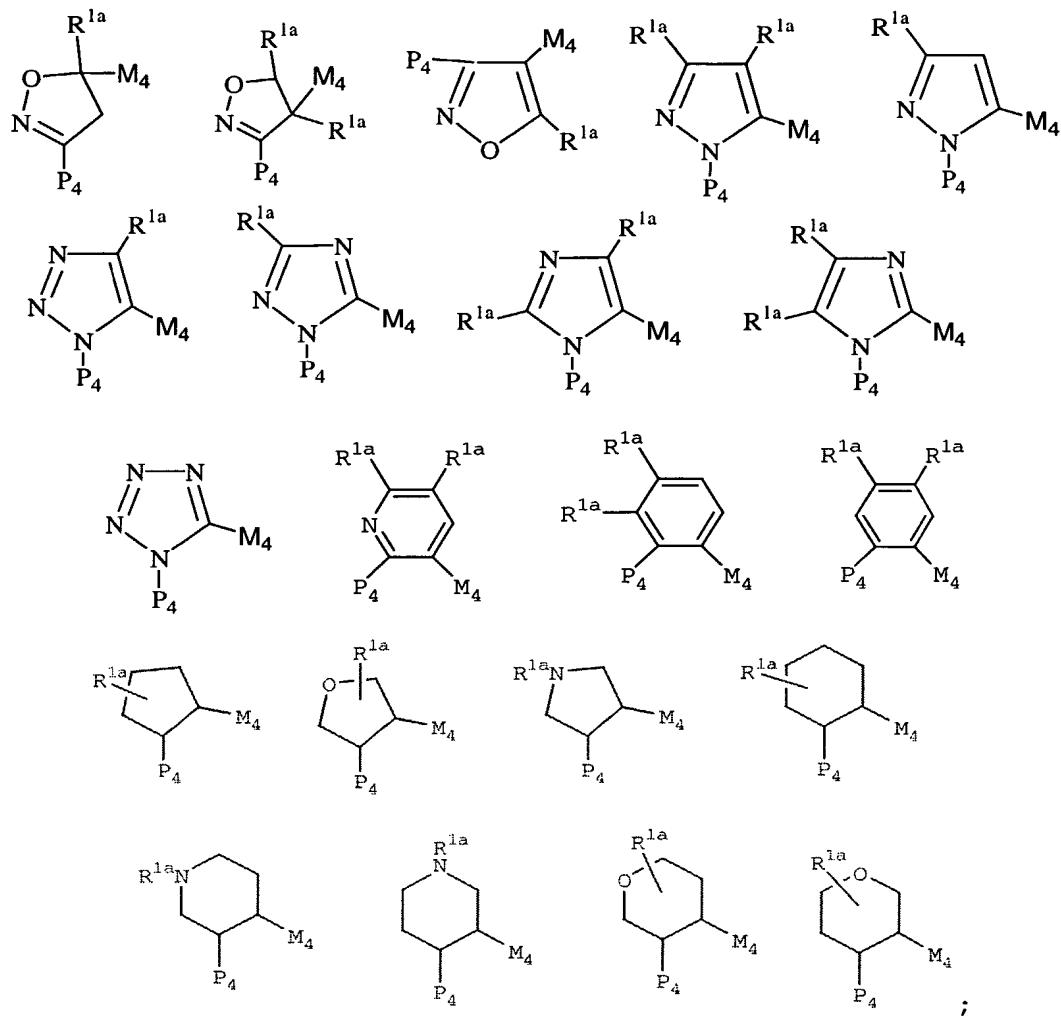
-CH₂-cyclopentyl substituted with 0-1 R^{4b}, benzyl substituted with 0-2 R^{4b}, 5-6 membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and (CH₂)₅₋₆ membered aromatic heterocycle substituted with 0-2 R^{4b} and consisting of carbon atoms and from 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p;

10

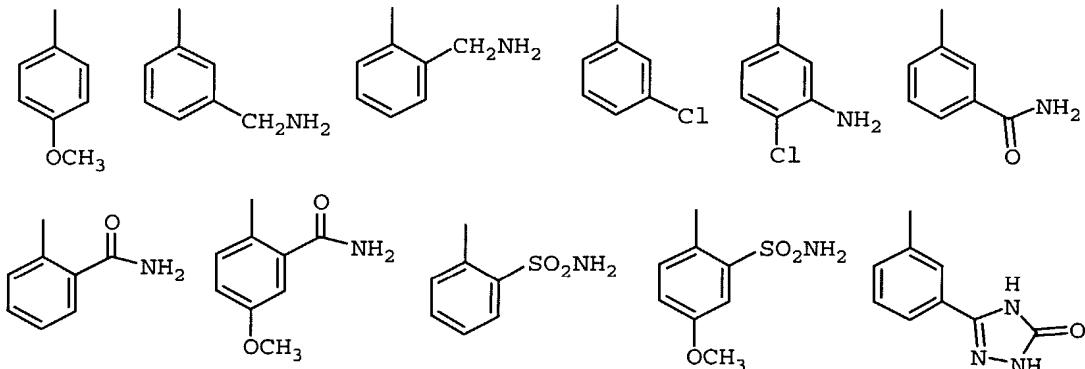
R⁵, at each occurrence, is selected from H, =O, CH₃, CH₂CH₃, OR³, CH₂OR³, F, Cl, NR³R^{3a}, CH₂NR³R^{3a}, C(O)R³, C(O)OR^{3c}, NR³C(O)R^{3a}, C(O)NR³R^{3a}, SO₂NR³R^{3a}, NR³SO₂-C₁₋₄ alkyl, NR³SO₂-phenyl, S(O)₂-CH₃, S(O)₂-phenyl, CF₃, phenyl substituted with 0-2 R⁶, naphthyl substituted with 0-2 R⁶, and benzyl substituted with 0-2 R⁶; and,

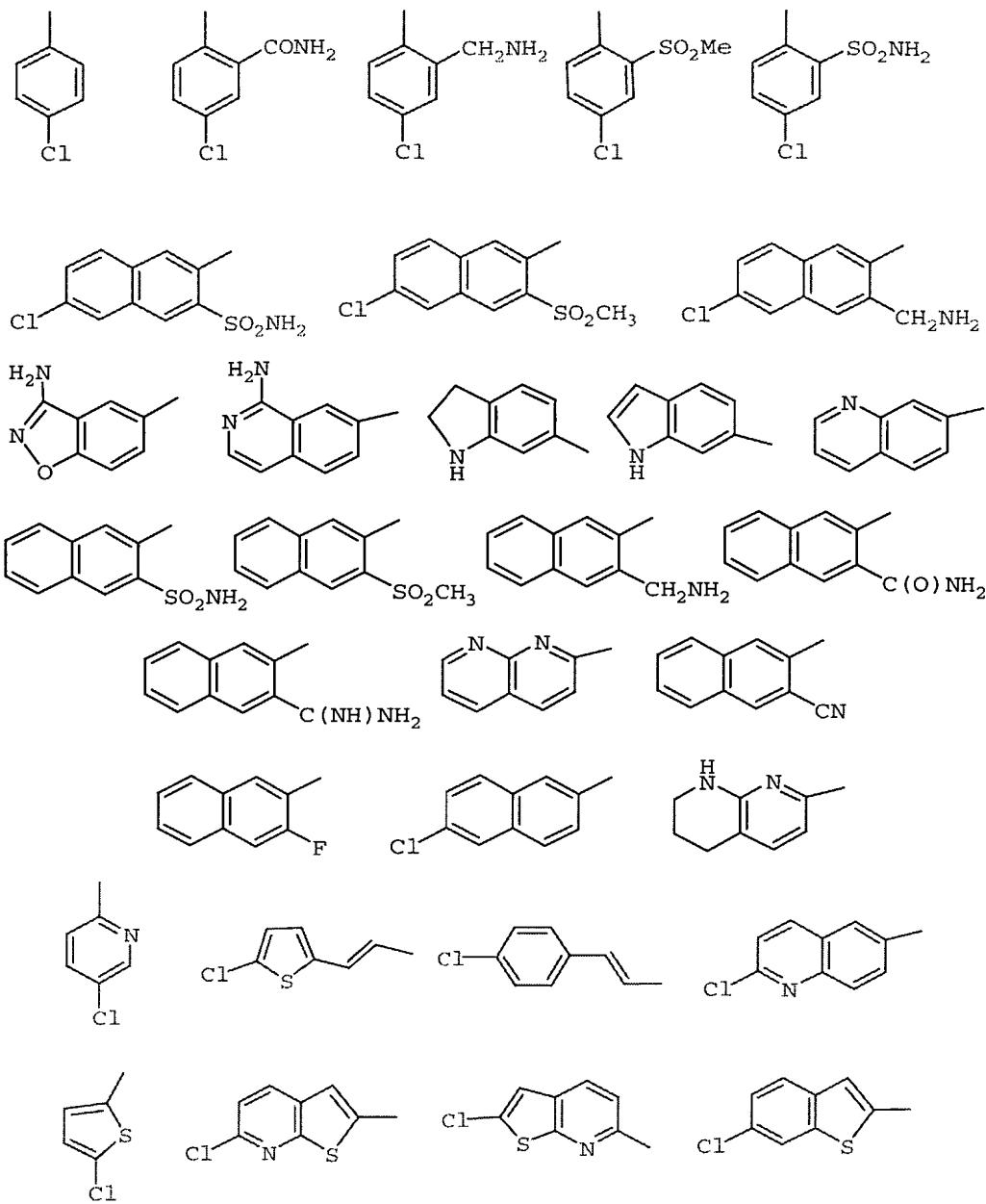
15 R⁶, at each occurrence, is selected from H, OH, OR², F, Cl, CH₃, CH₂CH₃, NR²R^{2a}, CH₂NR²R^{2a}, C(O)R^{2b}, CH₂C(O)R^{2b}, 20 NR²C(O)R^{2b}, and SO₂NR²R^{2a}.

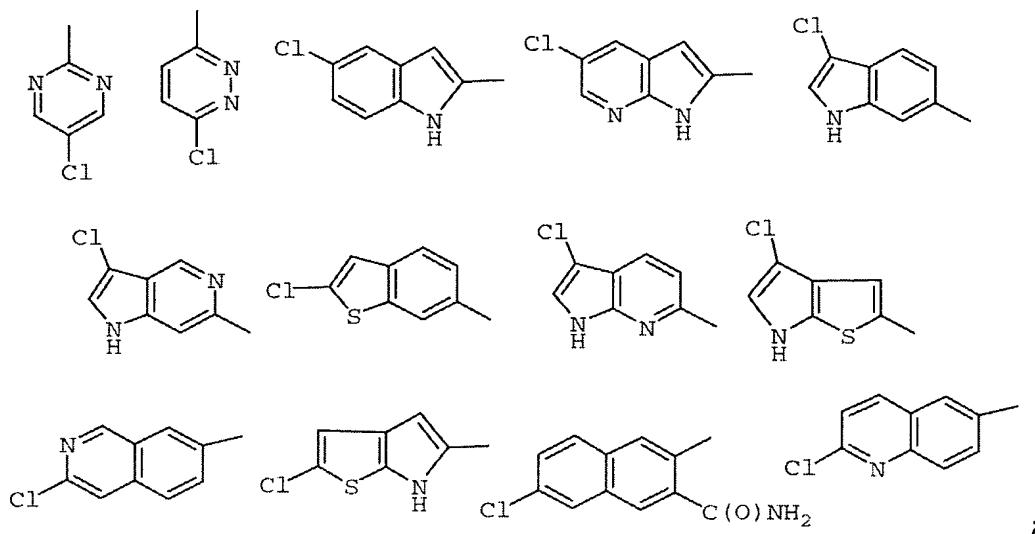
[13] In another preferred embodiment, the present invention provides a novel compound, wherein the compound is selected 25 from:



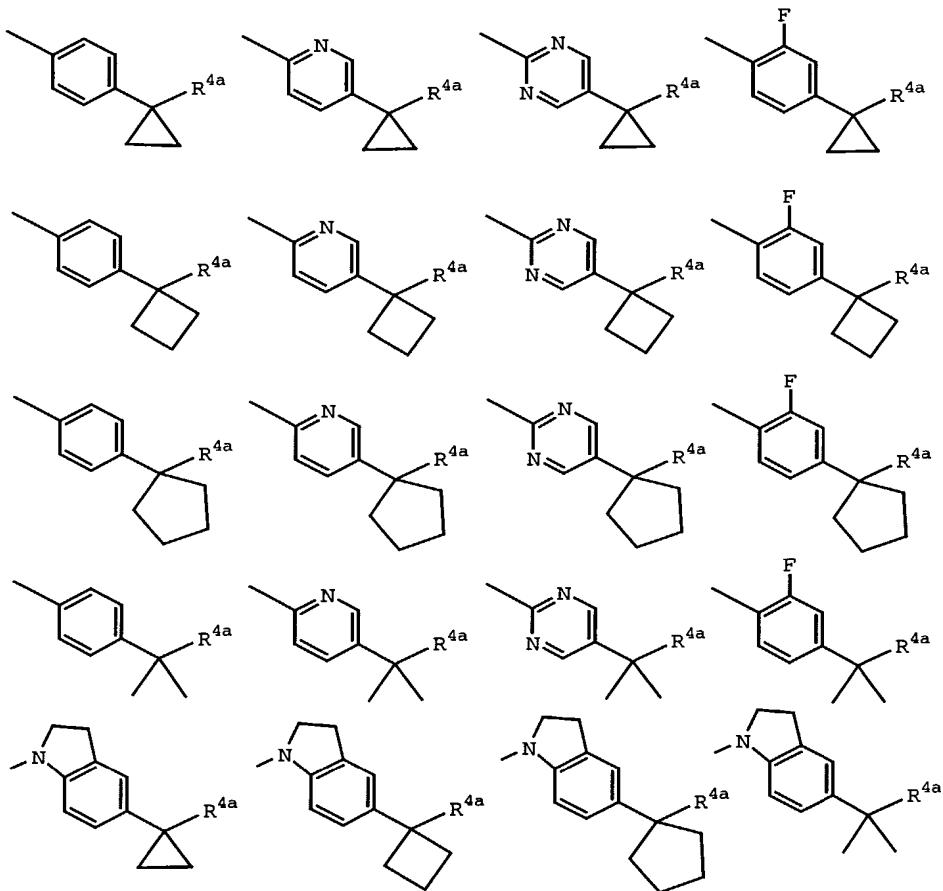
$-G_1-G$ is selected from:







A-B is selected from:



5

R^{2d}, at each occurrence, is selected from H, C₁₋₄ alkyl substituted with 0-1 R^{4c}, C₃₋₆ cycloalkyl substituted

with 0-2 R^{4c}, phenyl substituted with 0-2 R^{4c}, and a 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2d} forms other than a N-halo, N-C-halo, S(O)_p-halo, O-halo, N-S, S-N, S(O)_p-S(O)_p, S-O, O-N, O-S, or O-O moiety;

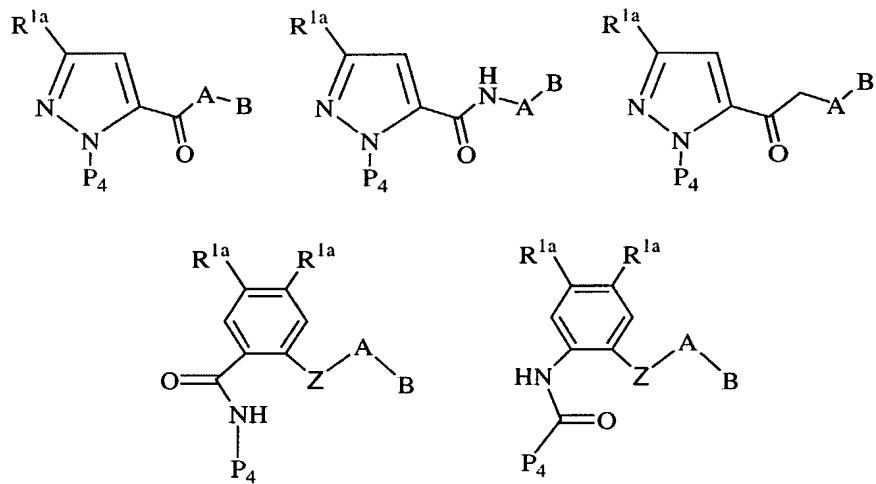
R^{2e}, at each occurrence, is selected from H, C₁₋₄ alkyl substituted with 0-1 R^{4c}, C₃₋₆ cycloalkyl substituted with 0-2 R^{4c}, phenyl, substituted with 0-2 R^{4c}, and 5-6 membered aromatic heterocycle consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, provided that R^{2e} forms other than a C(O)-halo or C(O)-S(O)_p moiety;

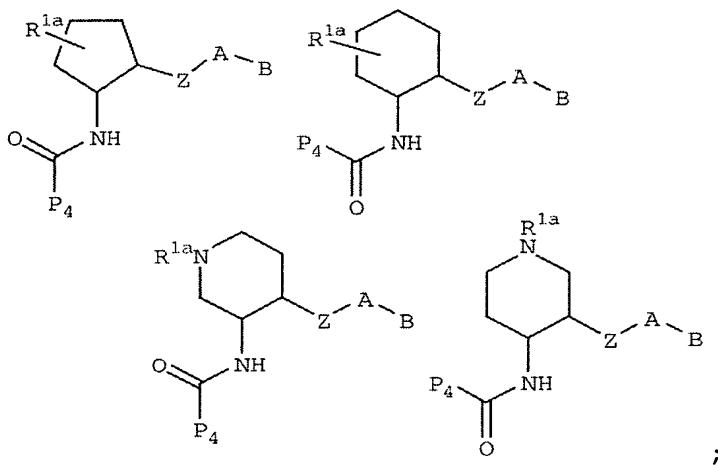
R^{4a} is selected from NR^{2d}R^{2d}, CH₂NR^{2d}R^{2d}, CH₂CH₂NR^{2d}R^{2d}, N(→O)R^{2d}R^{2d}, CH₂N(→O)R^{2d}R^{2d}, CH₂OR^{2d}, C(O)R^{2e}, C(O)NR^{2d}R^{2d}, CH₂C(O)NR^{2d}R^{2d}, NR^{2d}C(O)R^{2e}, CH₂NR^{2d}C(O)R^{2e}, NR^{2d}C(O)NR^{2d}R^{2d}, CH₂NR^{2d}C(O)NR^{2d}R^{2d}, NR^{2d}C(O)OR^{2d}, CH₂NR^{2d}C(O)OR^{2d}, NR^{2d}SO₂R^{2d}, CH₂NR^{2d}SO₂R^{2d}, S(O)_pR^{2d}, CH₂S(O)_pR^{2d}, 5-6 membered carbocycle substituted with 0-2 R^{4c}, -(CH₂)-5-6 membered carbocycle substituted with 0-2 R^{4c}, -(CH₂)₂-5-6 membered carbocycle substituted with 0-2 R^{4c}, 5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, -(CH₂)-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S(O)_p, and -(CH₂)₂-5-6 membered heterocycle substituted with 0-2 R^{4c} and consisting of: carbon atoms and 1-4 heteroatoms

selected from the group consisting of N, O, and S(O)_p
 provided that S(O)_pR^{2d} forms other than S(O)₂H or
 S(O)H; and,

5 R^{4c} is selected from =O, OH, OCH₃, OCH₂CH₃, OCH₂CH₂CH₃,
 OCH(CH₃)₂, CH₃, CH₂CH₃, CH₂CH₂CH₃, CH(CH₃)₂, CH=CH₂,
 CH≡CH, CH₂OH, CH₂OCH₃, CH₂OCH₂CH₃, CH₂OCH₂CH₂CH₃,
 CH₂OCH(CH₃)₂, F, Br, Cl, CF₃, NR²R^{2a}, CH₂NR²R^{2a},
 C(O)R^{2c}, CH₂C(O)R^{2c}, NR²C(O)R^{2b}, CH₂NR²C(O)R^{2b},
 10 C(O)NR²R^{2a}, CH₂C(O)NR²R^{2a}, SO₂NR²R^{2a}, CH₂SO₂NR²R^{2a},
 NR²SO₂R^{5a}, CH₂NR²SO₂R^{5a}, S(O)_pR^{5a}, and CH₂S(O)_pR^{5a}.

[14] In another preferred embodiment, the present invention
 15 provides a novel compound, wherein the compound is selected
 from:





Z is selected from a NHCH₂, C(O)NH, NHC(O), and NHSO₂; and,

5 A-B is selected from:

